

7-1966

Osteopathic Digest (Summer 1966)

Philadelphia College of Osteopathy

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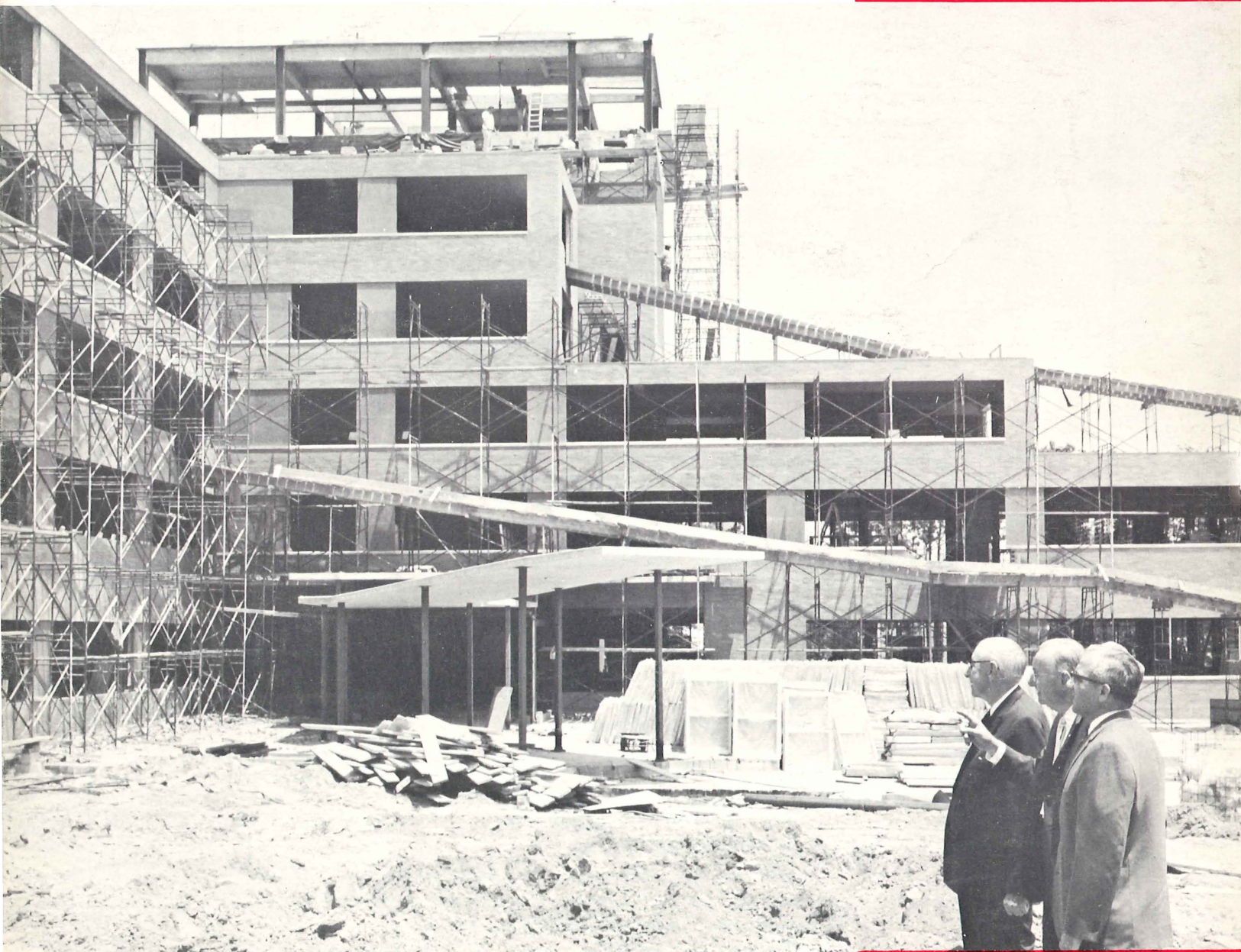
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THE **OSTEOPATHIC** **DIGEST**

Commencement
Summer
1966



PHILADELPHIA COLLEGE OF OSTEOPATHY

Philadelphia College of Osteopathy

POSTDOCTORAL STUDIES PROGRAM

1966-1967

BASIC SCIENCES—CADAVERIC ANATOMY

A series of courses in anatomy. Each course covers an entire system. The courses are planned to be as practical as possible by giving all instruction in the anatomy laboratory and allowing each student to participate in dissection.

- B-19**—Cadaveric Anatomy of Head and Neck—October 10-14, 1966
- B-10**—Cadaveric Anatomy of Perineopelvic Area—January 16-20, 1967
- B-11**—Cadaveric Anatomy of the Abdomen and Its Viscera—February 6-10, 1967
- B-14**—Cadaveric Anatomy of the Musculoskeletal System—March 20-24, 1967
- B-17**—Cadaveric Anatomy of the Thorax and its Viscera—May 8-12, 1967

INTEGRATED BASIC SCIENCES

A series of courses combining the pathology, microbiology, physiology, biochemistry and pharmacology of the various systems of the body. The practical aspects of these sciences are emphasized. The P.C.O. Faculty is supplemented by a guest faculty of visiting clinicians and scientists.

- B-12**—Integrated Basic Sciences of the Digestive System and Metabolism
- B-13**—Integrated Basic Sciences of Endocrine, Renal Fluid and Electrolyte Balance
- B-15**—Integrated Basic Sciences of Growth, Bones and Joints, Nervous System
- B-16**—Integrated Basic Sciences of Hematology, Inflammation, Infection and Resistance
- B-18**—Integrated Basic Sciences of the Cardiopulmonary System

CLINICAL COURSES

- C-12**—Clinical Proctology
- C-30**—Ophthalmology (Basic Refraction)
- C-44**—Anesthesiology (Spinal, Caudal, Regional)
- C-45**—Anesthesiology (Inhalation and Endotracheal)
- C-50**—Obstetrics and Gynecology
- C-51**—Psychiatry
- C-54**—Cardiology
- C-54A**—Advanced Electrocardiography
- C-54B**—Basic Electrocardiography
- C-55**—Internal Medicine
- C-56**—Postdoctoral Seminars in Clinical Cardiology
Weekly two-hour seminars for 20 weeks on the practical aspects of clinic cardiology with emphasis on auscultation and electrocardiography.
- C-57**—Osteopathic Principles and Practice (Basic)—November 7-11, 1966
- C-59**—Osteopathic Principles and Practice (Advanced)—March 3-7, 1967
- C-60**—Second Annual Series of Postdoctoral Seminars in Pediatrics
Monthly, late afternoon seminars beginning in October, 1966 and ending in May, 1967.
- R-1**—Radiation Physics and Radiobiology

(Dates not listed above will be announced later)

A special program, to be announced later, will be held on Friday, March 10, 1967 in association with the Eastern Study Conference of the American College of Osteopathic Internists.

Inquiries should be addressed to Dr. Sherwood R. Mercer, Dean

Postdoctoral Studies

Philadelphia College of Osteopathy

48th and Spruce Streets, Philadelphia, Pa. 19139

VOLUME XXX



NUMBER 1

Osteopathic Digest

Philadelphia College of Osteopathy

48TH AND SPRUCE STS. • 20TH ST. AND SUSQUEHANNA AVE. • CITY LINE AVE.

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Dear Readers:

If there can be a theme in a magazine record of academic expansion, that in this *Digest* would be: unified effort brings its rewards. It was contained in President Barth's summation of government and private health services as an industry. To regard it otherwise, he said, was folly. It indicates a trend that by the 1970's may have brought Medicare for everyone, and cooperation from all institutions of the healing arts which do not wish to endanger their subsidies.

Through these reports of the 1966 Commencement, the preceding Class dinner, and the surprising advances made in underwritten research at P.C.O. there is no dismay, discouragement or defeat. The spirit is rather that of marching ahead with the times, losing no share in, nor opportunity for their improvement. How could it be otherwise with a \$7.2 million dollar center for such operations on City Line? The Teaching and Research Hospital is the new focus in P.C.O.'s glowing prospect. The articles and photographs describing the summer rush toward completion of this splendid building are major notes in the progress theme.

The Cover . . .

When you have lived through a lot of years, hoping, planning and even praying for the day when the impossible takes shape, then you may appreciate the meaning of this Summer's Osteopathic Digest cover. For the Teaching and Research Hospital is not only a matter of 228 hospital beds and all that support them, of laboratories equipped with the very latest in wonder apparatus, nor even the prefabricated basis of a 13-story hospital of the foreseeable future. It is much more.

This building, glimpsed from the shadows of the Administrative building, is a dream come true. It is a dream, moreover, of some very practical men who know it requires unlimited hard work, determination and sound policies and performance—plus that ever indispensable commodity, cash—to make any dream a reality. The three men of P.C.O. who substituted time, energy, travel and persuasion for Aladdin's lamp were: Dr. Barth, Dr. Evans, and Dean Mercer. Shown in cover photo are President Barth (center), Dr. Evans and Controller John DeAngelis.

At the same time new plateaus have been achieved in the radiology, physiology and biochemistry fields at the College. There are items of interest to the Alumni, to young women who ponder a nursing career, and always that appeal of personalized training and education for those ambitious men who understand that hard work and the unified effort lead to the D.O. degree. And which in turn, is the door to the good life while serving mankind.

Sincerely,

E. J. Peterman
Editor

Trained Mind and Educated Heart Must Balance Scientific Advances

Albright College's President Arthur L. Schultz Urges 1966 Graduates to Bolster Knowledge with Faith at P.C.O.'s 75th Commencement

THREE quarters of a century had gone into the record when the opening notes of the Processional began the 75th Commencement for Philadelphia College of Osteopathy. From its rugged days of the founders, to the new City Line campus with its rapidly rising Research and Teaching Hospital, the College had come a long way. Now, as the President, Dr. Frederic H. Barth, addressed a capacity audience in Irvine auditorium, he opened the graduation exercises with a call for adjustment and resolve in the face of mighty changes in the field of all medicine.

"I need hardly emphasize before this assemblage the impact of mechanization on the lives of each of us," said Dr. Barth. "The implications for this class must be considered as computers and electronic diagnostic devices intrude farther into all aspects of professional practice . . . The physician faces a double problem: on the one hand he wants all the help he can get from the computers, instru-

ments of analysis, and other scientific aids, yet he cannot surrender the priority of his own humanity—his physician's skills, personality, judgment, or character.

"It is here the osteopathic concept, modern as tomorrow, comes to the aid of the physician. Properly used, it is his best instrument to protect and strengthen his human qualities in relation to his patients."

The opening remarks of the President set the tone of the Commencement at which 83 candidates moved across the flower-decked stage at the call of Dean Sherwood R. Mercer, and received from Dr. Barth's hands the degree of Doctor of Osteopathy. They were a confident, cheerful, and qualified class. One was a new undergraduate bride and now mother; and another was a bridegroom of Commencement eve. One was a grandfather with twelve grandchildren. Sixty-one were married, most of them fathers. Their families, parents, friends and well wishers stood to acclaim them as they passed down the aisle in traditional robes and mortar boards. There were 2200 in the auditorium, and a cool, sunlit day smiled on all.

Dr. Arthur L. Shultz, newly installed President of Albright College, and Elmer S. Carll, widely known banker and Executive Vice President of Industrial Valley Title Insurance Co., and a member of P.C.O.'s Board of Directors, were honored by having the honorary degree of Doctor of Laws conferred. Dr. Schultz delivered the Commencement address, a memorable call for faith to bolster knowledge, with truth and courage to meet the opportunities in a future that cannot be estimated.

Declaring that opportunity is the greatest single thing that a graduate is offered by his alma mater,

(Continued on next page)

*" . . . Do all the good you can,
As long as ever you can . . . "*





THE CLASS OF 1966

Dr. Schultz quoted freely from the poets, industrialists, economists and philosophers to demonstrate that a strong character, an educated heart and a properly trained mind are needed to meet this world's widening challenges, while protecting our freedoms in the process. "We have educated our heads and our hands. Now the need is for an educated heart; it permits the possessor to respect human personality; to distinguish between happiness and fun; to have a straightforward faith in the infinite. One who would keep sane, happy, and balanced under the extreme stress of modern living must enjoy a living partnership with a power that is higher than he . . ."

Dr. Schultz, a strong speaker with the outlook of youth and courage, said men everywhere stand in need of profound religious faith, and quoted Archbishop William Temple: "The only religion worth having is one that colors and governs the whole life and thought." He then added, "Remembering God is no easy task in any age, but in our affluent society the difficulties seem insuperable; God has a hard time keeping alive in the heart of modern man."

He went on to warn that today's problems are mere footnotes in one chapter of the book of progress, and as Boss Kettering once put it: "You will always underrate the future . . . that future will be greater than the most fantastic story you can write."

Dr. Schultz came down to the present with a blast at criminal behavior and disdain for law in our country. He said: "I believe that the American people, patient as they are, will not much further tolerate the growth of crime and disregard of law, that their instinct of self-preservation as well as their common sense will revolt, as they have before in our history, against moral decay in public and private life."

"I believe we will become sufficiently educated to discern the difference between true and false. We cannot hope soon to abolish crime, deceit or guttersnipe morals, but I believe we will make them unprofitable and unfashionable."

(Continued on Page 5)

COMMENCEMENT AUDIENCE OF 2200



Federal Health Care: A Massive Industry...

Only Independent, United Osteopathy Can Survive

By *Frederic H. Barth.*

IN JUST 19 days the first major step in the history of this nation, toward socialized medicine will be taken.

While Medicare initially will provide services for those 65 years of age and older, there is no question that in the relatively near future all age limits will be removed, and comprehensive health service will be provided. You will be intimately involved in what can be called the health industry. We speak of the steel industry, the chemical industry and so on but we have not commonly, in the past, spoken of health service as an industry because the delivery of health care has been thought of as an intimate doctor-patient relationship. But an industry it has become.

Let me cite from a current weekly some projections:

"Medicare for those 65 and over starts by covering 19 million at a cost of \$1.4 billion dollars. Medicare cost goes to \$5.1 billion by 1970. Nursing-home care, part of medicare, starts next January 1.

"Medicare for the 'medically needy' of all ages is building up, and must be accepted by States prior to 1970 if subsidies are not to be lost.

"Medically needy are an estimated 35 million by present figures. Cost of providing this medical care for needy now is \$1.6 billions, is expected to reach \$3.8 billions by 1970. That makes \$8.9 billions over all for state medicine to cover older persons and those groups of modest income.

"But that isn't all. Hospital building will need to boom. Nursing homes will proliferate. Medical schools will mushroom, of necessity. Schools for training nurses, technicians of various kinds must expand rapidly.

"State medicine by 1970 will be at least a 10-billion-dollar business.

"Then: People not getting free medical care seem sure to feel left out and, with their votes, to demand what others have. State medicine for all is to prove around a 40-billion-dollar annual enterprise when it arrives."

These figures are astronomical, and quite beyond my comprehension. I can, however, see clearly that medicine both in its development as knowledge, and in its delivery to patients, will never be the same again. And, second, I foresee that the role of the physician will change. His education will change, his patient relationship — about which I will have more to say tomorrow — will change, and the whole context of his professional life will be radically different. This brings the thought I wish to leave with you tonight.

You are an individual osteopathic physician with a unique service to render to a unique patient. This uniqueness faces obliteration in the face of mass medicine. Since you must preserve this uniqueness in order to fulfill your oath, your education and your own concept of your career, where can you turn for help to preserve this precious component in your life?

There are as many kinds of relationships between an alumnus and his alma mater as there are alumni and colleges. In our case, however, an urgency for strong, cordial and mutually supporting relationships is upon us. Why? Because your individuality, your independence, and your very freedom as a physician will, under the coming regime of government medicine, find its strongest support, and its greatest source of revitalization and strength in a strong Philadelphia College of Osteopathy, in its strong faculty and in its vitality as a center of service and learning. Your relationship to Philadelphia College of Osteopathy cannot,

(Continued on Page 17)

Proud Moment for Dr. Carll



COMMENCEMENT

(Continued from Page 3)

Urging the graduates to devote some time and service to the state and nation, as well as to God and their fellowmen, the speaker emphasized that one's unconscious influence is a sacred possession.

"It is the effect you have on another's life which you didn't plan to have; the shadow your life casts on the pathway of someone else. Our world has an almost desperate need for your character, your integrity, and your willingness to face issues of right or wrong, and to stand up and be counted," Dr. Schultz concluded.

Two Master of Science degrees were conferred. Theodore P. Mauer, A.B., D.O. and P.C.O. graduate of 1962, earned his M.Sc. in Otorhinolaryngology. He was sponsored by Dr. J. Ernest Leuzinger. Jon Peter Tilley, A.B. with a D.O. from Kirksville College of Osteopathy in 1962, earned his Master's in radiology. Dr. John J. Gilligan was his sponsor.

The Osteopathic Oath was administered by Dean Mercer, the class repeating it after him. The Dean added his congratulations, and urged the new D.O.'s to return often to their College. The Dean also called on parents of the graduates to rise and be recognized with applause, and then called off vital statistics on the class. The Rev. Paul W. Poley, College Chaplain, pronounced the Benediction.



Recipients of Honorary Degrees Receive Congratulations

From left, Dr. H. Walter Evans, Dr. Elmer Carll, Dr. Samuel A. Blank, President Frederic H. Barth, Dr. Arthur L. Schultz, Dr. Charles H. Boehm, and Dr. John Morgan Davis.

THE TRADITIONAL OATH



Early Advent of Government Medicare Shakes Nobody at Graduates' Dinner

President Barth Describes Multi-Billion Dollar Socialized Field of Medicine and Urges D.O.'s to Adjust, but Preserve Concept

THE advent of federal medicare, characterized by Dr. Frederic H. Barth, President of Philadelphia College of Osteopathy, "as the first major step by this nation towards socialized medicine," was the weightiest addition to the 75th P.C.O. Commencement dinner program, but it took no luster from this annually festive occasion. Held again in stately Lincoln hall of The Union League, the event once more was the social climax of the Graduation weekend, featured by the presentation of the 1966 Class Awards along with other prizes and distinctions for faculty members and students during the academic year.

Dr. Barth in greeting the graduates, Board and faculty members and their wives, forcefully outlined the world of medicine of which, beginning July 1, they would become a part. He described the future and probable extension of government health care in the light of present political trends and developments, saying that medicine as it has been known, along with "the whole context of the physician's and surgeon's professional life," would be greatly changed. All this, the President reminded, would begin just nineteen days from the June 11th evening of the dinner.

It was a sobering salute, and when Dr. Barth quoted figures from a news magazine's survey, indicating the avalanche of federal spending on all-age socialized medical care would probably run to \$40 billions by the late 1970's. Nevertheless, the graduates, their ladies and everyone else ate a hearty steak dinner. And applauded Dr. Barth's announcement that the Nursing school would be reactivated in line with P.C.O.'s expansion.

After the Invocation by Dr. Paul W. Poley, Dean Sherwood R. Mercer asked the diners to remain standing while he read the Memorial for Dr. Wil-

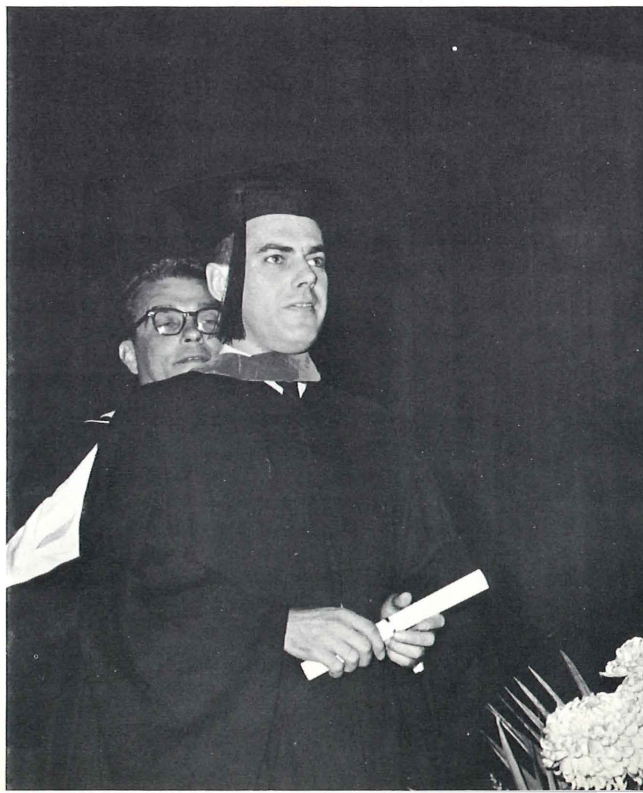
liam M. Barnhurst, Chairman of the Department of Obstetrics and Gynecology, who died suddenly last October. The Dean then added the name of Dr. Levering Tyson, veteran member of the P.C.O. Board of Directors, who passed away the previous day at Brielle, N. J.

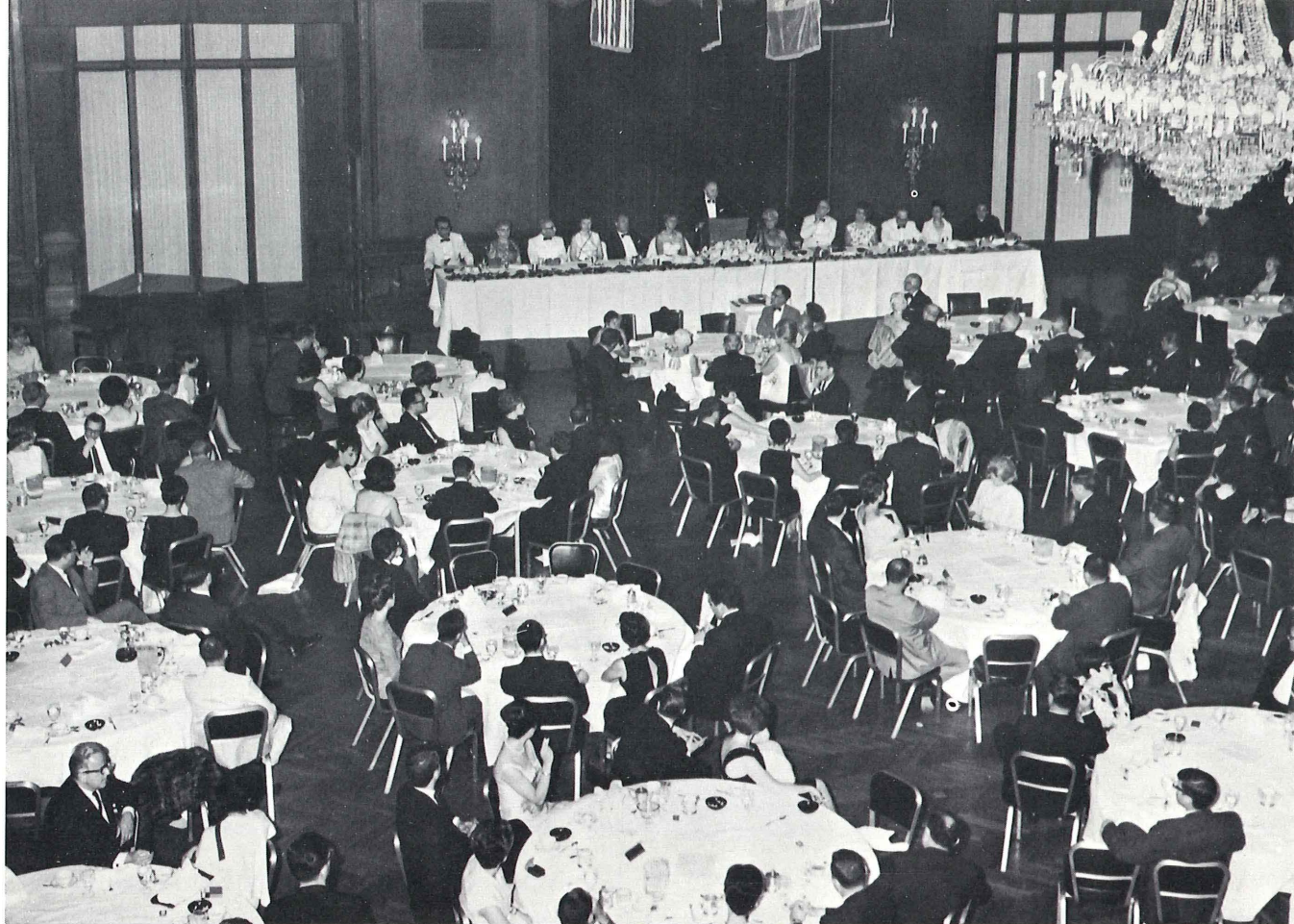
Presentation of the Faculty members, then the residents and sponsors, interns and their sponsors, and finally the Class of 1966 followed. There was especially hearty applause for the class members and their ladies.

The Dean next called up two members of the Class of 1916, Dr. Charles R. Heard and Dr. Paul R. Thomas, who received 50-Year certificates. They were presently joined by a still older P.C.O. grad, Dr. Ira Walton Drew, Class of 1911, who had taught both Heard and Thomas in the early days of the College. Dr. Drew in his 80's is a member of the Board and rarely misses a P.C.O. event.

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Class President Sidow





1966 CLASS DINES AT UNION LEAGUE

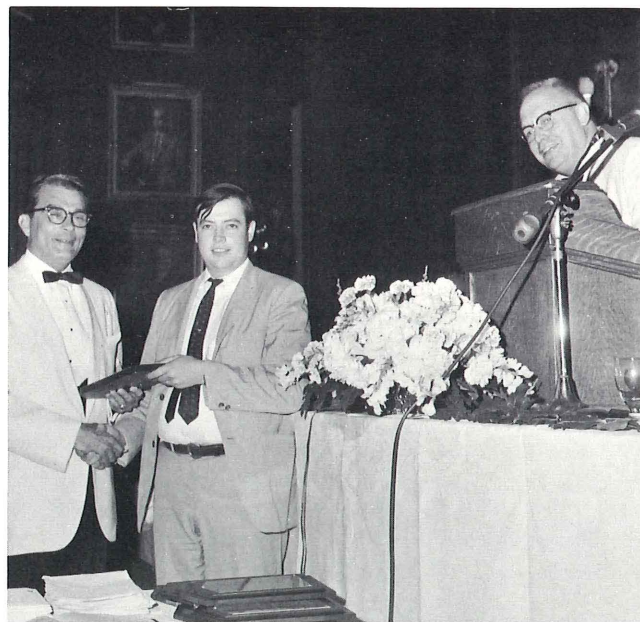
Thirteen Commencement awards, including the highly regarded Lindback Foundation awards of \$500 each for distinguished teaching, were presented. Dr. J. Ernest Leuzinger, Chairman and Professor Emeritus of the Department of Ophthalmology, Otorhinolaryngology and Bronchoesophagology, and Dr. Nicholas Tretta, Clinical Assistant in Proctology, Department of Surgery, were the recipients. Both accepted from Dr. Barth's hands these top distinctions for faculty members.

As a rule the Graduating Class turns up a multiple prize winner on this occasion, but rarely has it produced a five time winner such as Frederick James Humphrey II, a modest and smiling young man with Allegheny College background, Bryn Mawr residence, and plenty on the academic ball. He captured in order of their presentation, the Public Health Award, sponsored by Dr. Joseph Py; the John H. Eimerbrink, D.O., Memorial Award; the Belle B. and Arthur M. Flack Memorial Award for proficiency in practice of Osteopathic Medicine; the Harold L. Bruner, D.O. Memorial for proficiency in Allergy, and the most prized Homer Mackey Memorial Award, the Student Council's tribute to a P.C.O. student who died before Commencement some years ago, which goes to the graduating class member with the highest scholastic average throughout his three years of didactic work. It was a big night for the No. 1 '66 Classman who is taking his internship at Detroit Osteopathic hospital.

(Continued on Page 17)

FOR TOP SCHOLASTIC AVERAGE

Frederick James Humphrey II was called five times to receive awards during the 1966 Commencement dinner, but the Homer Mackey Memorial Award by the Student Council meant most to him, for it represented the highest academic average over the three years' didactic study. Registrar Rowland and Dean Mercer show their approval.



P.C.O. TEACHING-RESEARCH HOSPITAL RUSHING TOWARD EARLY 1967 COMPLETION

**Ultimate 600-Bed, 13-Story Objective Built in with All
Necessary Facilities; Educators, Authorities
Acclaim Dr. Barth's Long-Range Program**

A GLEAMING five story, brick, steel and concrete building which when completed early in 1967 will have cost \$7,200,000, reflects a hot summer's sunshine along the fashionable City Line avenue. This is Osteopathy's newest contribution to Philadelphia, national center of the healing arts.

The cross-shaped Teaching and Research Hospital of Philadelphia College of Osteopathy, now more than 70 percent completed, from the outside is an accomplished construction fact. It spreads underground in two more levels, an architectural maze of surgery, laboratory and emergency receiving space that, like the iceberg, has much of its potential beneath the surface.

Less understood is the fact that the Hospital's massive foundations and the basic requirements to support six additional floors in a planned hospital of 600 beds and 13 stories, have been constructed with a view to early expansion.

"Under the pressure of today's needs for more physicians, surgeons, nurses and health services, no teaching institution in the field of medicine dare become static. We cannot even while building, look only to present needs," said Dr. Frederic H.

SPEEDING MATERIALS BY RAMP

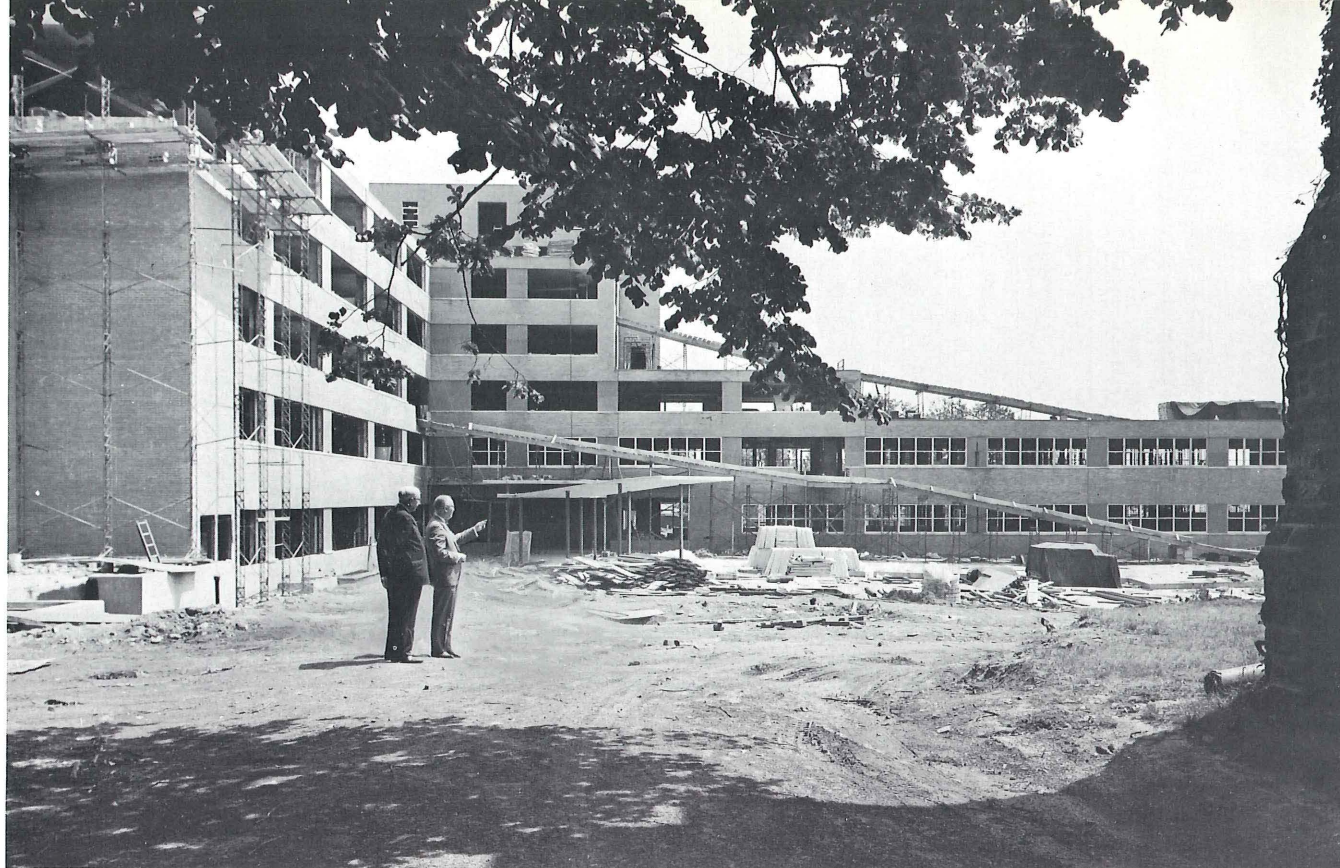
Powered supply carts move bricks, granite blocks, steel and tile up ramps in construction's coordination.

Barth, President of P.C.O., during one of several inspections he has made with members of the Board of Directors, State and local authorities, the General State Authority, and representatives of the osteopathic profession.

No official in the history of P.C.O. has lived with any project so closely, or with more dedication than Dr. Barth. His long-term program, activated in years of sound administration and persuasion, began with acquisition of the 16½ acre City Line campus site. Purchase of the former Women's Homeopathic Hospital, 20th and Susquehanna ave., was also made. The program has continued at the same time with amplification of the 48th and Spruce streets College teaching facilities. It definitely will raise Osteopathy to its highest level with the Teaching and Research Hospital. Here at last, for a College that held its 75th Commencement in June, is the modern structure that will accommodate Space Age refinements in equipment, technical apparatus, and the scientific teaching and experimental refinements which inspire search, investigation and discovery. Those high in government and educational circles, with those in the healing profession, have given full recognition to Dr. Barth's leadership.

The construction story at City Line, according to Architect Israel Demchick is one of schedules maintained despite a series of labor strikes, and early excavation and rock removal problems. With a staff of twenty architects, engineers and draftsmen the building has been endowed with heavy duty heat, water, and sanitary piping, and with elevator shafts to service the ultimate, 600-bed institution. A walk through the interior reveals wide, uninterrupted corridors leading from the central elevator complex, the ventilation and air-conditioning conduits, and the roughing out of rooms, service areas, the various departmental





TEACHING, RESEARCH HOSPITAL, MID-SUMMER VIEW

Dr. Evans and Dean Mercer observe nearly completed brickwork as of June 23rd during one of frequent visits to rising P.C.O.'s structure.

space assignments, and many other administrative, communication, and supply requirements which now are taking shape. The plasterers were due in mid-July; this is a sign that interior construction has assumed major emphasis over the exterior.

There have been no unusual difficulties, and the G.S.A. experts and Architect Demchick estimate with allowance for weather, the hospital should be completed during next March. This is a computerized projection of the Mauchly Associates' plan, now used by the G.S.A. engineers for the first time. Thus far its findings have been correct. At Commencement the visitors were amazed at the speed with which the Hospital had been constructed.

A mid-July estimate and the current up-to-schedule progress, were reached despite a two-month lag caused by the necessity of blasting and drilling through a soft rock strata to place the foundations on bedrock. Then came the truck-drivers' strike with its six weeks' loss of work.

The brick contract and concrete pouring were major operations, as of course was the steel erection. With more than 115 men on the job, and a variety of unions involved, the brothers Tom and Ed Bush, construction foremen for the General Contractor, Joseph R. Farrell, are confident the completion date will be met. It is so indicated on one of the charts that cover the walls of the superintendent's office-trailer.

"The concrete job was finished on time. The brick contract is going on time. We will soon have carpenters all over the place, plus lathers and then the plasterers," said Ed Bush. "All this is fed into the computers, and the figures go up on the chart."

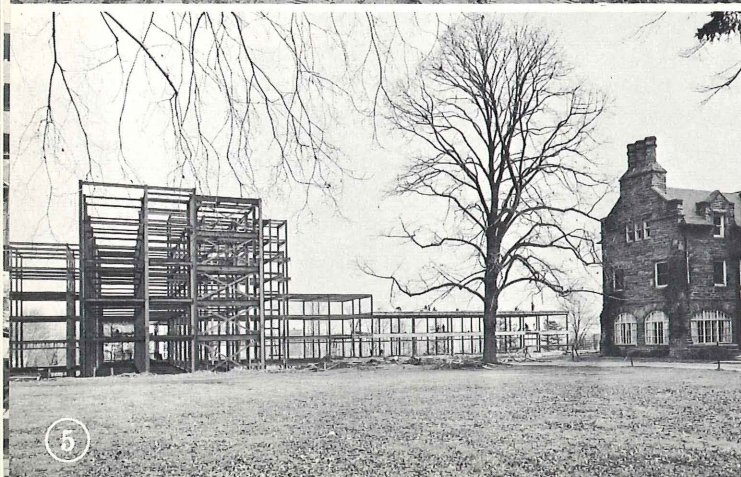
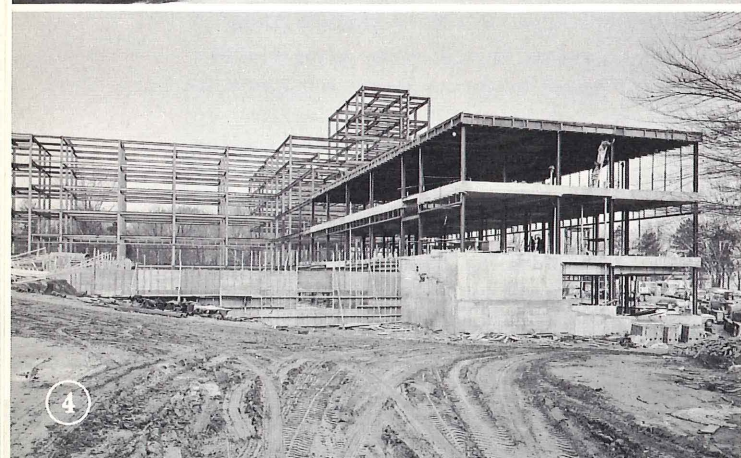
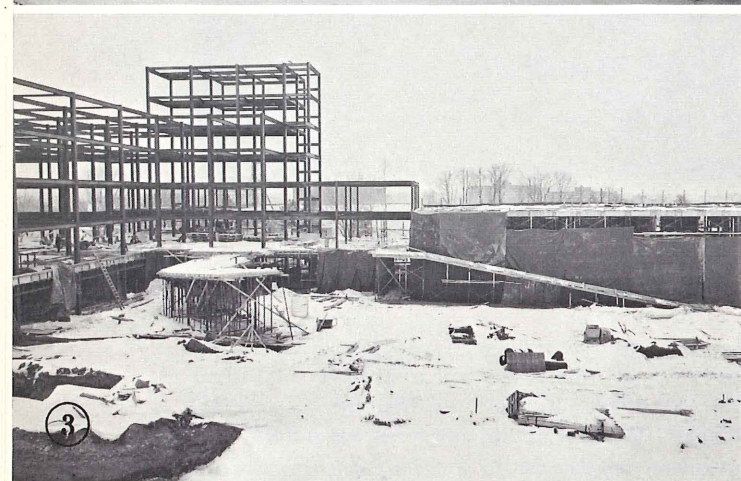
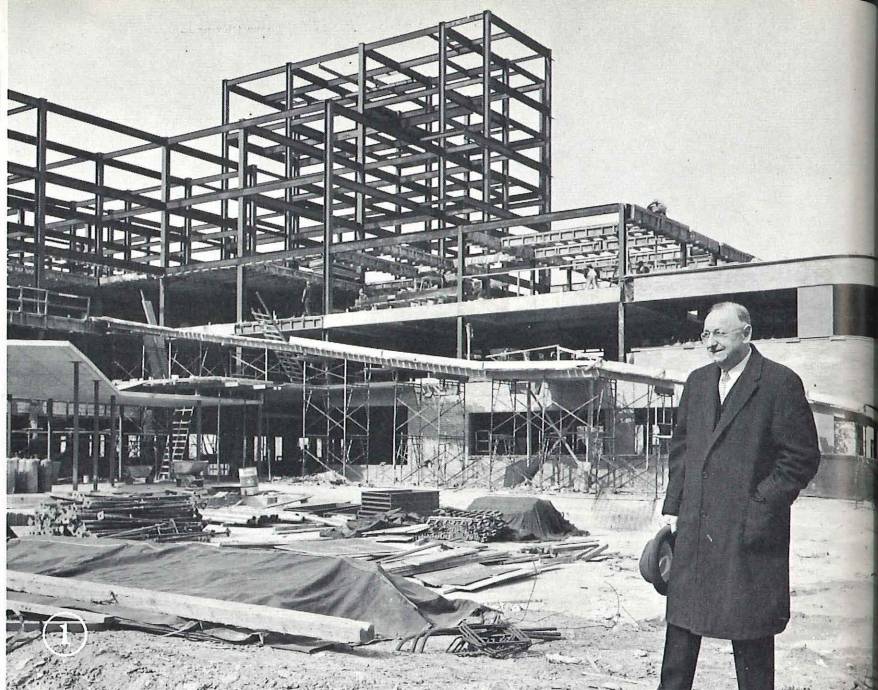
What would carpenters do on such a huge building?

"There are 900 doors, and a great many more windows to put in. And a lot of hardware items, too many to enumerate. Don't overlook the steamfitters, either. They're hard to get. One of our difficulties is getting and keeping qualified mechanics. Of the subcontractors, two major ones are about finished. The excavation has all been completed. The brickwork, tile and block is also near completion. J. J. White with the mechanical tasks (heating, ventilation, air conditioning, etc.) is well under way, but McGee Electrical will be on the scene a long time. There is also the elevator contractor, and the plumber. The elevators will be a big job.

Another item is the access road which will cost about \$37,000 to bring traffic to the Hospital underpasses which will carry emergency cases directly to the admitting area.

There had been no fatalities on the year's construction job, and no serious injuries, Bush reported. Parking problems grew as the employees increased, and some were assigned to Monument ave. One car was temporarily "borrowed" by some youngsters, but soon recovered. No other incidents, Ed Bush said. Parking

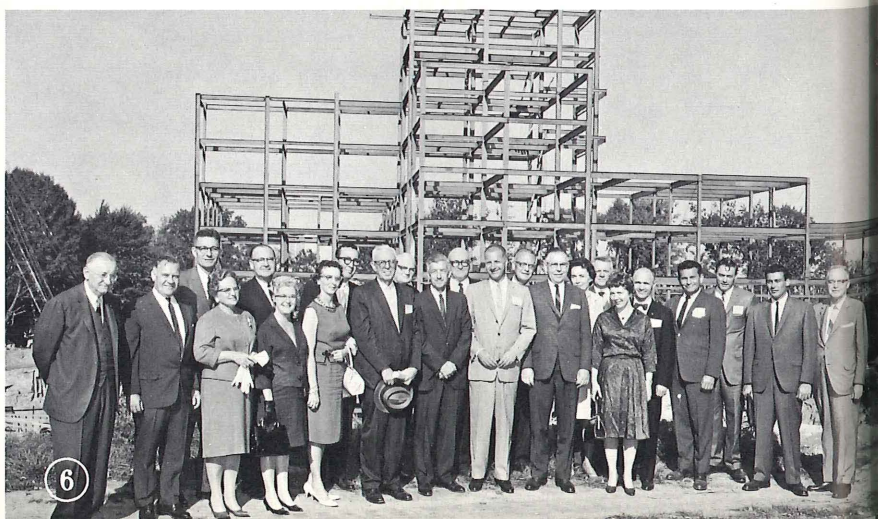
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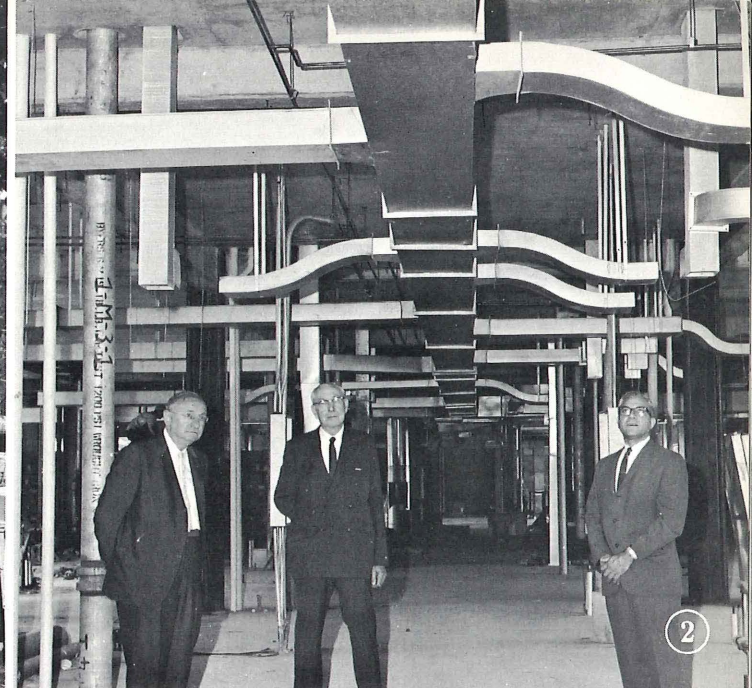
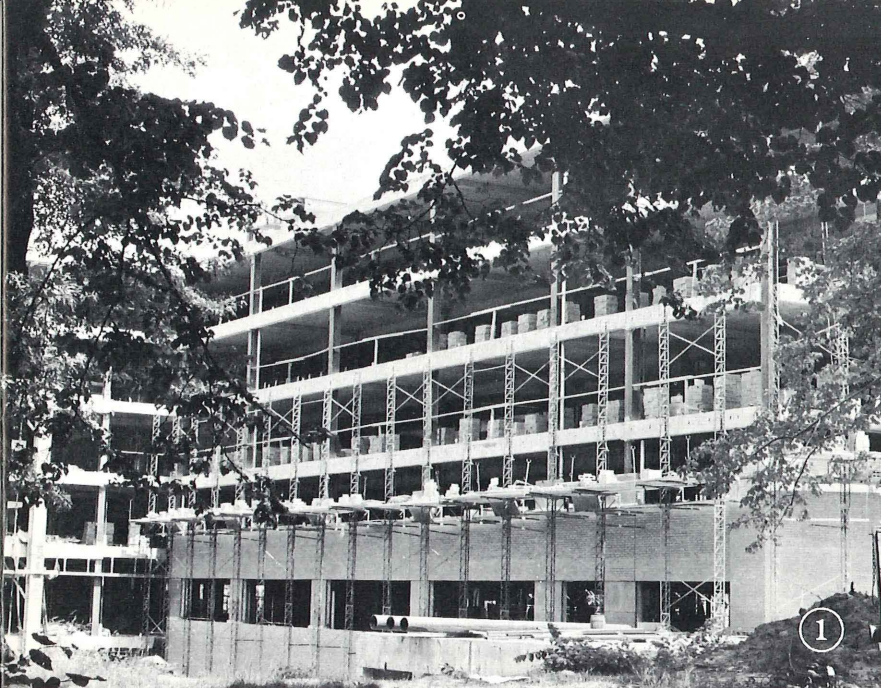


Growth of P.C.O.'s City Line Hospital

THE rise of a new entity in a large city's overtaxed hospital facilities is a happy and fascinating account. The City Line saga of Philadelphia College of Osteopathy's \$7,200,000 Teaching and Research Hospital, as the name indicates, adds to its contribution of more hospital beds, care, therapy, and multiple services, the facilities for preparing and training more physicians, surgeons, specialists and research experts. Add to these its location in a heavily populated suburban community developing high rise apartment complexes, shopping areas and corporation headquarters, communications centers, and motel-restaurants, and the need for a modern hospital looms even higher than its handsome exterior.

LEFT SIDE—Photo No. 1. The pink brick walls were beginning to take form when Dr. Barth took an early April walk around the building. It was still topcoat weather. 2. A sheet metal worker explains to Dr. Barth the job of installing heavy duty pipes and air conditioning ducts that will be capable of servicing a 13-story hospital with 600 beds. 3. Winter has laid a snowy cover on the scene by February, and here on the 7th workmen are protected from the winds by tarpaulins. (In the right foreground snow covers area occupied by radiology labs which, of heavy concrete construction, thrust beyond the building's walls to prevent any chance of radioactivity within its confines.) 4. At this mid-December picture most of the steel and all of the concrete were in place. The view is from the south, and from the line of the access road leading to the main entrance. 5. November was leafless and gray, but steel erectors hoisted the hospital framework into the chill air. 6. At mid-September the Secretaries and some of the wives of the Osteopathic Divisional Societies came to see the building. President Barth and Dean Mercer (left and right extremes of this picture) conducted one of the first visitors' tours.

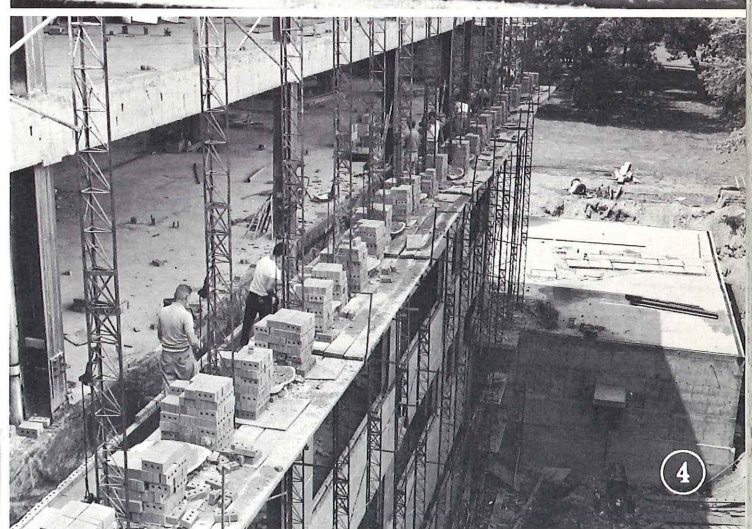
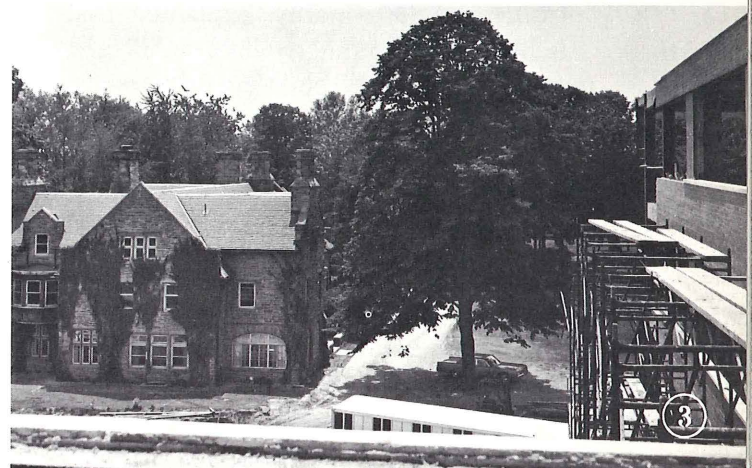




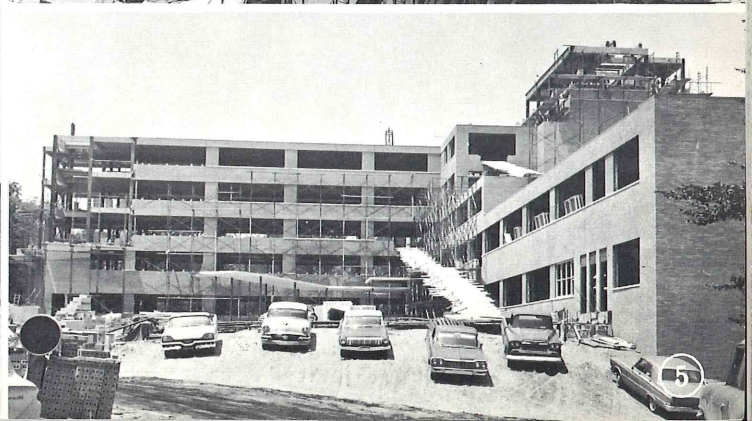
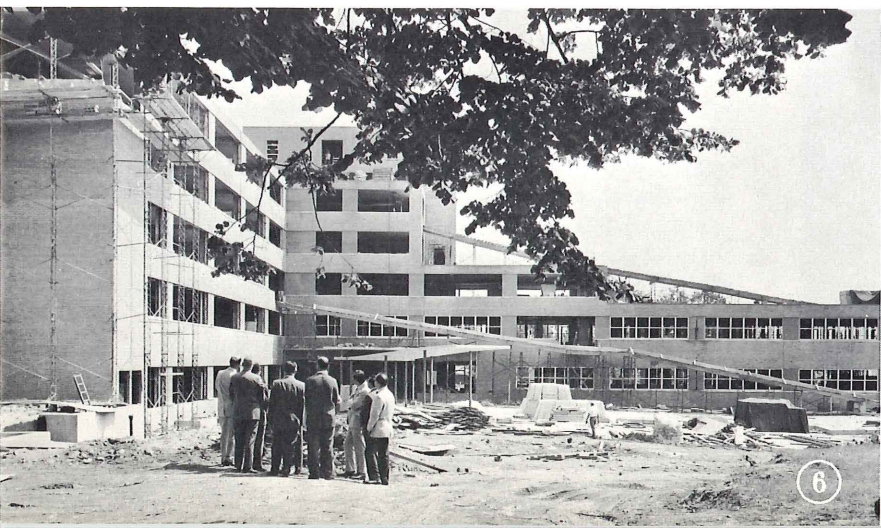
That is why each new stage of its development should be recorded.

In this pictorial only a few of the many operations that are involved in the planning, engineering, and mechanized creation of the 220-bed five story structure are presented. An effort to show the time stages is made in the space available in this issue, however. Thus, on the left hand page are shown the earlier phases of P.C.O.'s City Line building project. They pick up where the 1965 OSTEOPATHIC DIGEST left off, with a photo made in mid-September. Thereafter is shown the steady progress, from cavernous excavations of last summer, to the triumph of steel, concrete, brick and tile, and the interior of pipes, wires, conduits, floors and elevator shafts which comprise a modern health care and research building.

The building progress has been tracked by computers, but for the reader, the camera at seasonal intervals has caught the steady development of P.C.O.'s Teaching and Research Hospital as it looked at the 1966 Commencement, with additional photos to mid-July.



RIGHT SIDE—Photo No. 1. It's June and the trees frame one hospital wing as seen from the President's window. 2. Dr. Barth, Dr. Evans and John DeAngelis examine the main corridor installations of the first, ground level floor, west wing. 3. A view from the top, above main entrance and looking down upon Administration building. 4. Brick laying was a major contract. Note depth of the two subterranean levels in which surgery rooms and radiology labs will be established. Sunlit expanse at right is air conditioning plant and boiler room. 5. From the south, showing wide-windowed superstructure beyond workers' parked cars—the exterior nearly completed, July 15. 6. P.C.O. faculty members note mid-July's 70 percent state of the Hospital's completion.



Biochemical Research Projects Spark New Ideas and Experiments at P.C.O.

Dr. Albert P. Kline and Investigators Hoping Their Efforts Prepare Others and Contribute New Knowledge to the Healing Arts

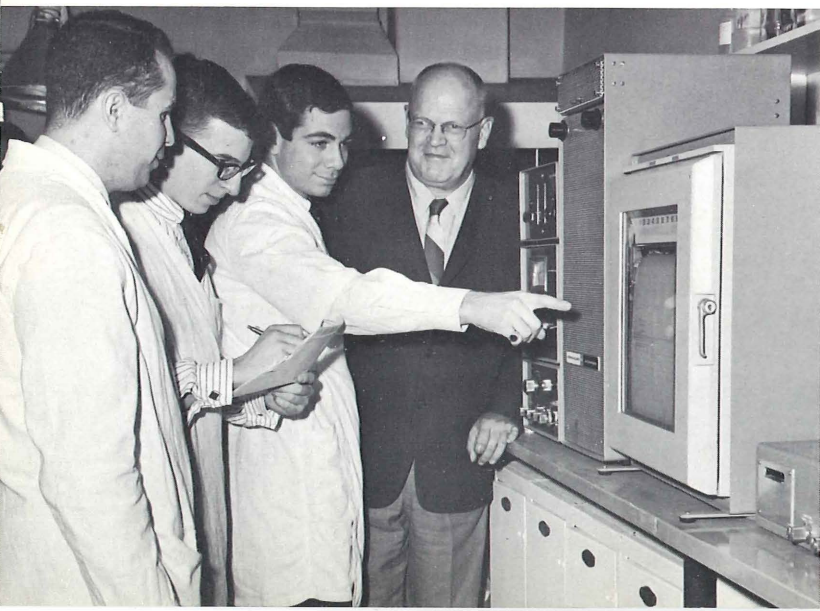
THE subject is research, and some rather extensive research in some relatively new subjects. Dr. Albert P. Kline, head of the Department of Physiological Chemistry at Philadelphia College of Osteopathy, explained that this work is heavier in summer, when financial aid is made available under the General Research Support Grant program of the National Institutes of Health. In the past several years the College has planned and undertaken eleven such projects in the field of biochemistry for which over \$36,000 was allocated this year through the P.C.O. Research Committee.

Dr. Kline, a graduate of Johns Hopkins, listed the studies to which P.C.O. students were assigned and explained in some detail what their purposes were as well as the experimental methods involved. He has a certain philosophical attitude, too, saying that in devising and planning a study, one cannot know beforehand what to expect—anything can happen and generally does.

For example, there is Project 3 which is designed

GAS CHROMATOGRAPH

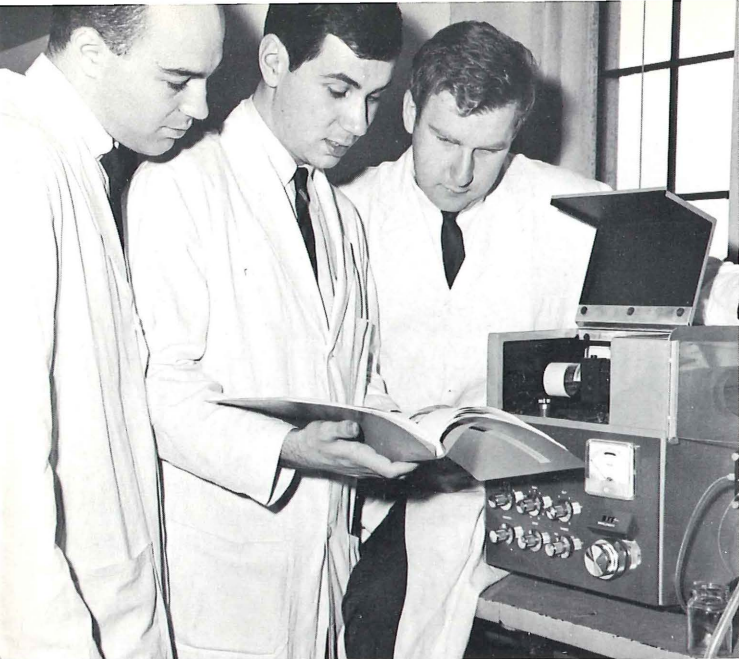
This example of laboratory equipment illustrates what research requires. L-r, Andrew Fanelli, Steven Glickfeld, Steven Edell with Dr. Kline.



to measure the accumulation of the toxic elements, lead, mercury, and copper in clams of the Delaware Bay. On rather modest funds compared to what is now usual, this cooperative study is being made with the Division of Marine Biology of the University of Delaware, where one of Dr. Kline's Johns Hopkins classmates, Dr. Charles Wilber, is Director. These men will act as principal investigators for their respective research groups. However the study turns out, the information it provides will be useful and the researchers will not have researched in vain, particularly if no heavy metal contaminants are found. The expenditure of the money, too, will be justified whatever the results, for students will have received training in research which is one of the chief aims of G.R.S.G. program.

"There are three main purposes involved in this work," Dr. Kline said. "First, it provides intellectual stimulation to everyone here. Secondly, it may well produce results that will contribute to scientific knowledge in general and the healing arts in particular. And finally, it helps to train new people for the college faculty of the future."

For, to repeat the popular phrase, all research does not necessarily come up roses. There may be no toxic accumulations in the clams, then again, some other contaminant may be found that will initiate pressure for clean rivers and harbors where edible seafoods flourish. Whatever the results, the work is important; for this is the way learning grows. These new experiences and the information they develop, are establishing a broader, more useful research program at P.C.O. and because of it a more lively intellectual life in the College. Equally vital, it is justifying the acquisition—often through government grants—of important and useful apparatus for all the students in the physiological sciences. In short, through research projects worthy of attention, P.C.O. is earning both a right to its share of the facilities, that private and public funds make available, and its rightful place in the scientific sun.



ATOMIC ABSORPTION SPECTROPHOTOMETER

Irv Kernis, Jack Bruno and Barry Hoffman must use the book for this one.

When the Osteopathic Hospital for Teaching and Research at City Line is ready for occupancy next year, its stock of sophisticated equipment will be ready, too, and because of this and of the broader training of the students at P.C.O., it need not falter in getting underway.

How are such programs developed?

Dr. Kline keeps a file of problems and ideas for which he has a preliminary search of the literature made to ascertain the status of the most suitable ones. He tries to select the projects in such a way as to obtain the apparatus that would be most useful as part of a general research facility for all students and faculty who wish to undertake research; that might do duty in the laboratory of clinical chemistry; and, finally, that could be used in the teaching laboratory. He referred to Dr. John Marbarger, also of the Johns Hopkins and now with the Aero-Medical Space Laboratory at the University of Illinois Medical College in Chicago.

Dr. Kline believes that the definition of a clear purpose and the inspiring of confidence in it is absolutely essential to persuade students to give of their best efforts. Take for example Project #2. This is the estimation of the normal blood level of RNA. This problem arose as a result of the current furor about the so-called "transfer of training" through the use of injectible brain extracts. It would be useful to know the truth of this matter, for as Dr. H. Walter Evans remarked, "It may, if nothing else, have a bearing on blood transfusions." This is certainly a laudable and useful project with a purpose. However, to know anything definite about this larger matter, it seems important to know whether RNA normally appears in the blood and to what extent. One can have confidence in such a purpose and the diligent work of the student research assistants shows that they certainly do.

Another example of a project with a clear purpose which,

perhaps because of its pragmatic nature, has inspired confidence in the student research assistants is Project 5, which deals with the making and testing of possible new analgesics and anticonvulsants. It was proposed because the mutual possible substitutions of urea and p-aminobenzoic acid on each other might result in the production of a new analgesic or anticonvulsant. The idea had derived from the fact that the substitution of malonic acid on urea results in the barbiturates, while various substitutions on p-aminobenzoic acid results in procaine, nupercaine, etc. Now in its third year, the project has yielded a variety of new compounds of the kind proposed. Animal trials for testing the new compounds are now underway in the Department of Physiology under the able direction of Drs. Bradford and Thomas. The work is being done by three student research assistants, R. Heinle, B. Fox, and J. Koser.

104 Enrolled in 1970 Class

The new class entering P.C.O. in September numbers 104, and includes two women candidates for the Doctor of Osteopathy degree, Registrar Thomas M. Rowland, Jr. reports. They will be received Friday, September 9 and convene that evening at the College auditorium for orientation. Classes will begin at 8 am Monday, September 12.

Among those in this, the largest entering class in several years, will be four sons of D.O.'s and one sister of a Doctor of Osteopathy.

TEACHING-RESEARCH HOSPITAL

(Continued from Page 9)

space, of course, is an integral part of the overall job, and has been included in the general plan.

How to describe such a multi-purpose structure?

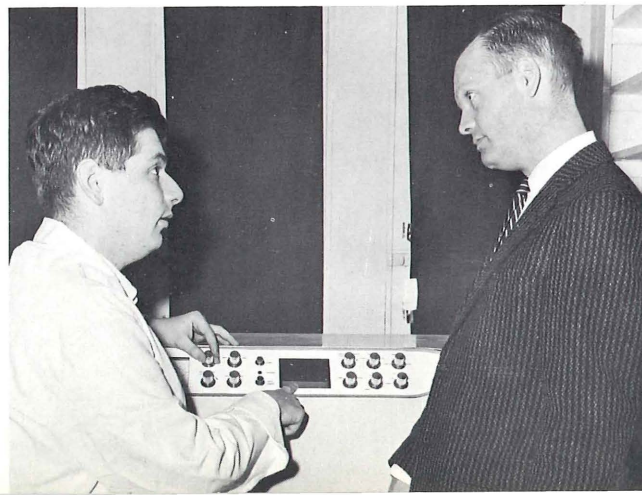
Expediter John C. Curtiss, a fugitive from actuarial tables who likes building things and comes from Texas, thought a moment.

"Big," he said. "Yeah, Big League. That's it."

Those who see it, will have to agree.

BLOOD CONTENT COMPUTER

Thomas L. Slider and Charles Walton, the latter secretary to Dr. Kline, examine the electrophoresis apparatus which determines content and composition of blood serum.



Persons and Places

TOURIST ATTRACTION: The ancient and honorable society of sidewalk engineers have had a new outlet for their curiosity during the erection of the Research and Teaching Hospital of Philadelphia College of Osteopathy. City Line's teeming traffic no longer concentrates on the north side of Philadelphia's "Fifth avenue," where WCAU, the Gulf and Esso offices, the Marriott and Decker Square's towers claim attention. The motorists now swivel to the rising brick and steel newcomer which has crowded the formerly open acres to the south.

The first evidence of more than average interest was former Post photographer Larry Keighley's request for permission to record the "highest steel construction now in process." He was doing a late winter pictorial on Pennsylvania building expansion last winter, and P.C.O.'s was the best example in the area. When the Pennsylvania Osteopathic Association convened at the Marriott Motel complex — May 12-14, the members beat a path to the City Line campus. They were amazed at the size, scope, and Space Age construction of the cross-shaped building. Its attractive brickwork was not yet completed, nor were the windows or approaches in place, but hospital-wise the D.O.'s could see this was something very special. The delegates came in groups, asked lots of questions, exclaimed at the underground space for labs and research units, and commented on the hospital's potential for the ultimate 620 bed capacity.

MOST CHRISTMAS SEAL SALES

SEAL SALE CHAMPS: *What is becoming something of a habit at P.C.O. received recognition by the award of a plaque, carrying the first National Osteopathic Foundation award for having sold the most Christmas seals in the scholarship fund drive. Here is Mrs. Henry Hillard, wife of the P.C.O. Alumni President, presenting the plaque to Dean Sherwood R. Mercer and Director of Admissions Thomas M. Rowland, Jr., who, it goes without saying, spur the students on when seal sales begin.*



WINS CANADIAN SCHOLARSHIP: Among the Spring's award winners at P.C.O. prior to Commencement was Warner F. Stanford, Class of 1969 who was notified by the Canadian Osteopathic Educational Trust Fund that he would receive a \$2,000 cash scholarship. Instructions from the C.O.E.T.F. Secretary-Treasurer, Joyce S. Currie, were to apply the money on tuition for 1966-67. Any necessary fees, text books etc. were to be paid and if a balance remained, credit to bookstore account. Recipients of such scholarships must be Canadian citizens. Stanford lives in Kitchener, Ontario, completed undergraduate courses at Eastern Nazarene College, and won a M.S. at Temple University.

* * *

QUEST FOR LORE: Dr. Ira Walton Drew, among the oldest P.C.O. graduates extant, still hankers to put a history of the college together. He needs old manuscripts, biographies, early records and publications. Please address to him, care P.C.O. City Line ave., Phila. 19131. (Keepsakes will be copied and returned.)

* * *

DREAMING DANGEROUSLY: A gal can dream, can't she? So say the romanticists, and when she's the President's secretary, with the best view of a new hospital under construction, why not get into the act, if only vicariously? So the grapevine confides that Ruth Reinhard's secret ambition is to ride one of those powered brick or concrete barrows up the long, wooden ramps to the roof. She has computed their speed at 5 to 10 m.p.h., fully loaded. With an experienced chauffeur, a few lengths of steel pipe for balancing, Ruth says you can have those Alpine cable rides, or the rush hour on the Expressway. She'd ride that red cart to the top.

* * *

MUNCY'S MAN OF 1965: Among P.C.O. alumni who have heeded Commencement advice to enter community affairs and take part in political life is Dr. Robert H. Abbott, Class of 1940. When he came to Philadelphia for Founders' day, Abbott had just been informed that he was one of two Men of the Year elected by fellow citizens of Muncy down the mountain from Eaglesmere. He was also newly elected President of the Williamsport Shrine Club, had won a four year term as City Councilman, and had been appointed Health Officer.

"The reason for this Man of the Year honor, they said, was for completing a negotiation to purchase the Muncy Water Co.," Dr. Abbott explained.

Like most citizens of the area, Dr. Abbott still hunts deer in the upstate mountains. He sees Dr. Barth during the latter's weekends at Eaglesmere.

* * *

EXODUS BIRDS, BEASTS: It has been a rough year for the furred and feathered creatures facing progress at City Line. The clank and rumble of construction first discouraged the raccoons. Then the grouse, pheasants and rabbits took off. Mrs. O., the campus watchdog also became so restive she disappeared repeatedly. Now she's dead and gone. When the trees were cut, the squirrels found new refuge in adjoining woods. A doe and two young fawn also moved to a quieter sector, south of the Campus.

Not so easily discouraged were Mr. and Mrs. Muskrat, however. Comptroller John DeAngelis startled the mother rat one day on an inspection of the access road area. She hastily snatched her three young and stuffed them into the nearest rathole. Later Glen Wallace, policing the grounds, was shaken when he tipped a trash can and emptied out Mrs. M. Rat and litter. Somewhere in yonder brambles there must be a mudhole, and in this region of drought, that's a sales point with any parched, home hunting muskrat. If P.C.O. ever fields an athletic squad, should they be called the "Muskie's?"

* * *

AHOY, SCOUT PHYSICIANS! That perennial physician-by-appointment to the Boy Scouts (Philadelphia Council), Dr. H. Willard Sterrett, Jr., who with Dr. Robert L. Meals of radiology, takes care of Scout ills during summer encampments, sent an S.O.S. for help this summer of 1966. A third D.O. was needed to treat sprains, cuts and bruises that youngsters sometimes suffer. Camp Hart at Sumneytown, and Treasure Island in the Delaware beyond New Hope have excellent quarters, Sterrett added.

* * *

SALTY D.O.: It figured. John Murray, D.O. in the 1963 Class, came to P.C.O. after long experience as a pharmacist on Martha's Vineyard. He was graduated as one of the oldest men ever to complete the course. Finishing his internship with his good friend, Dr. Walter Reich, Dr. Murray accepted a post as ship's surgeon with the Farrell Lines.

* * *

CANCER CARE WORKSHOP: Miss Mary Jane Kozuba, R.N. received a scholarship to study at the workshop on "New Knowledge and Nursing Care in Cancer and Allied Diseases," scheduled Feb. 27 - March 17 in New York. The course was offered by New York U., co-operating with Sloan Kettering Memorial Cancer Center. Philadelphia Division of American Cancer Society provides the scholarship. Mrs. Rita Anderson and Bonnie Gardner, both RNs, attended a Univ. of Penna. workshop in April on Improving Nursing Care with Better Communications.

* * *

15 YEARS AS LPN: Mrs. Mamie Fogg Scarborough, LPN on the third floor P.C.O. Hospital, marked her fifteenth year of employment in the College Hospitals this year.

* * *

HEALTH SERIES INTO BOOK: Dr. George W. Northup, P.C.O. '39, Editor of AOA publications, has authored a series of articles entitled "Osteopathic Medicine: An American Reformation," which appeared in the magazine *Health*. Their popularity has resulted in republication with photographs in book form.

* * *

WEDDING BELLS PRELUDE: According to the Nursing service office, where all details are noted, Miss Eileen Schroth, R.N., and Alex Macaioni, D.O. '66, and producer of P.C.O. amateur theatricals, became engaged at 5:45 P.M., Sunday, May 15. The wedding will take place Nov. 26, 1966 at Cheltenham, after which the cast will head to Las Vegas for a week's honeymoon engagement. Next stop, jackpots notwithstanding, will be the Martin Place Hospitals, Madison Heights, Mich., where Dr. Macaione will complete his internship. Happy going, Al, with a full house and good notices all the way.

(Continued on Page 23)

TROOP CARRIER VETERANS

Back in 1945 when the GI's were coming home, Ed Kurello, navigator, and Tom Rowland, crew chief of the 306th and 303rd Squadrons in the 442nd Group, U. S. Troop Carrier Command, had no inkling their flight patterns would cross once more, over twenty years later. But Kurello decided on an osteopathic physician's career, and who enrolled him but fellow trooper, now Registrar Rowland of P.C.O. During the four years' Kurello studied, they often recalled duty in England, France and especially Holland, where both participated in the hectic Einhoven drop.

After the ceremonies closed and the awards were made at the 1966 Class dinner, the two troop carrier vets decided a photo would make a good souvenir of another assignment completed.



A New Look at P.C.O. Research

By DR. PAUL H. THOMAS
Coordinator of Research

(Paul H. Thomas, D.O., Ph.D., completed his osteopathic studies at P.C.O. in 1955. He earned a Ph.D. in Physiology in the Graduate School of Temple University, and recently assumed the position of Coordinator of Research at P.C.O.)

THE development of significant research activity at Philadelphia College of Osteopathy dates back to the close of the great depression. Unfortunately, it had no more than begun when the Second World War brought about adverse effects. Both the faculty and the student body were depleted. All activity had to be concentrated upon the education of osteopathic physicians. The research program ground to a halt.



DR. PAUL H. THOMAS

After the War, attempts to revive an active research program were impeded because of the necessity for using all college resources in developing a strong educational program. There was, additionally, a hesitancy among the usual grants agencies to release funds to other than "going" research programs. This did not diminish the enthusiasm of those concerned with reviving P.C.O.'s efforts. Although they lacked funds, they were determined to get the program recognized.

The Administration therefore chose to select a Research Committee and charge it with the broad responsibility of initiating and facilitating in every way possible, certain investigative activities in the college. The Research committee encouraged the would-be investigator, and backed him by seeking all possible funds. In addition to this, the committee encourages publication of studies, and holds periodic reviews on the status of each project.

The Coordinator of Research is a member and Chairman of the Research Committee. He is responsible to the Dean of the College, and his job, briefly stated, is to bring into proper relation the varied research activities so they best fulfill the requirements of the long range program developing at P.C.O.

Together with the Research Committee, the Coordinator is responsible for developing a research program, and seeing to it that a general environment is created and maintained in concert with the best interests of the program and those individuals engaged in investigative work. With the committee, he must obtain and maintain personnel, facilities, equipment, supplies, and other essentials to successful investigative studies. On these efforts the coordinator shall submit periodic reports to the Dean, concerning the entire research program.

Spring Conventions Kept PCO Executives On Varied Transport

One of the last large conventions of a hot July, that of the American Association of Osteopathic Colleges July 15 and 16 in Chicago, provided the final transportation test for the top executives at P.C.O. Led by President Frederic H. Barth, with Dean Sherwood R. Mercer, Dr. Charles H. Boehm and Dr. Spencer G. Bradford in the party, the trip had to be made by railroad because of the mechanics' strike against domestic U.S. Airlines. For most of the P.C.O. delegation it thus became an old-fashioned sleeper jump, both ways. The weather during that weekend also added high 90's temperature.

There were the usual number of meetings throughout 1965-66, but during the Spring months they were attended as follows:

March 1-13 in Chicago, AOA Research conference: Attended by Drs. Thomas, Kline, Eisenberg, Bradford, and then student (now Dr.) Clayton Lindemuth.

April 11-15 in Atlantic City, Federation American Society for Experimental Biology: Attended by Drs. Kline, Waddel, Thomas, James, and Lobunez.

April 14-15, A.A.O.C. Meeting, Atlanta: Attended by Drs. Barth, Mercer, Waddel, Gilligan, Lessig, Bradford, and Snyder.

May 4 in Dallas, Texas Osteopathic Assn., Dr. Barth, Drs. Chas. Snyder and J. Ernest Leuzinger.

May 9 in Detroit, Michigan Osteopathic Assn., Dr. Barth, Registrar Rowland. (P.C.O. Alumni luncheon on 15th.)

May 12-15 in Phoenix, Arizona Osteopathic Assn., Dean Mercer.

May 19-24 at Williamsburg, Va., Va. Assn. Osteopathic Physicians and Surgeons. Attended by Dr. Paul T. Lloyd and Dr. Frederic H. Barth.

June 5-7 at Columbus, Ohio Osteopathic Assn. By Dean Mercer.

June 23 in Portland, Osteopathic Assn. of Maine: by Dr. Lloyd.

July 13-14 at Chicago, Council of A.A.O.C. Deans meeting: by Dean Mercer.

July 15-16 at Chicago, A.A.O.C. Trustees Meeting. Att. by Dr. Bradford.

FEDERAL HEALTH CARE

(Continued from Page 4)

in the selfish interest of your own well being, be a casual one. Admitted, we do not always agree. We expect there will be honest differences of opinion. Surely there will be disappointments on your part and, indeed, on ours. But all differences, disappointments and disruptions to the contrary notwithstanding, you must give steady, cordial and strong support to your college.

You have in the past heard me speak of my convictions concerning the independence of this profession, and particularly of the independence of this college. You as an independent practitioner must have a strong independent alma mater, or we are all going to lose. Next to your own competence as a practitioner there is no greater assurance for your professional freedom than a strong Philadelphia College of Osteopathy.

May I remind that in spite of any of the differences between the college and its alumni at all stages in its history, somebody cared enough to support it. And because there were enough who did so, your college was here to give you your professional opportunity when you were ready for it. So it must be with you. You must do your share to support your college so that it will be ready to serve those who will follow you.

But above and beyond this obligation you do have an interest — a self interest—as I have indicated above, in protecting your professional freedom, your resource for the independent option, your strongest protection in the face of state medicine—your alma mater.

LINDBACK AWARD WINNER

Each year a P.C.O. faculty member receives \$500. award from the Christian R. and Mary F. Lindback Foundation for distinguished teaching. Here Dr. Barth presents one of the two awards for 1966 to Dr. J. Ernest Leuzinger. Dr. Nicholas D. Tretta was the other winner.



P.C.O. AWARDS WINNERS FOR 1966

After the Commencement dinner the awards winners gathered before the statue of Abraham Lincoln in the Union League Memorial room to be photographed. From left to right, front row: Registrar Rowland, Humphrey II, Dr. Tretta, President Barth, Dr. Leuzinger, Sally Craig, DeMino, Nigro, Dean Mercer. Second row: Mike Zal, Mittuch, Fishkin, Fruchtman, Donlick, Sidow. Third row: Wagnan, Kessler, Soss, Greisbach, Cowen. Top row: Doherty, Shinnick, Hooker, Colarusso, C. G. Kramer, Swartzwelder, Master.

CLASS DINNER

(Continued from Page 7)

Bernard Fred Master won the P.C.O. Alumni Association Award and heard some good words from the Association's President, Dr. Henry N. Hillard. Master also won the Harold C. Waddel, D.O. Memorial award and had honorable mention for the Dr. Wilbur P. Lutz award, won by Ronald Cowen.

The Class President, William Henry Sidow, received the Dean's Award, which is a tribute to personal and professional conduct and leadership in student affairs. Sidow also made the presentation of the Class gift to the College, which took the form of needed equipment. He thanked the College and its Board for its effort in instructing and training its members to be D.O.'s, and heard a glowing summation of that sharing of knowledge from Dr. Hillard, who presented the symbolic Alumni Association membership.

"You are graduates of the finest Osteopathic College in the world. It will take many years to repay the institution from which you have received this education. Treat your patients and serve your communities with a feeling of great pride in your profession. Take care of, and discharge your responsibilities and you will be highly respected. Remain close to your osteopathic training," Hillard said.

(Continued on Page 22)

Isotopes and Cine-Radiography Invite New P.C.O. Research Areas

*Dr. John J. Gilligan Explains \$50,000 Equipment That
Excites Students and Teachers; Opens Wide
Visual Aid Instruction by TV*

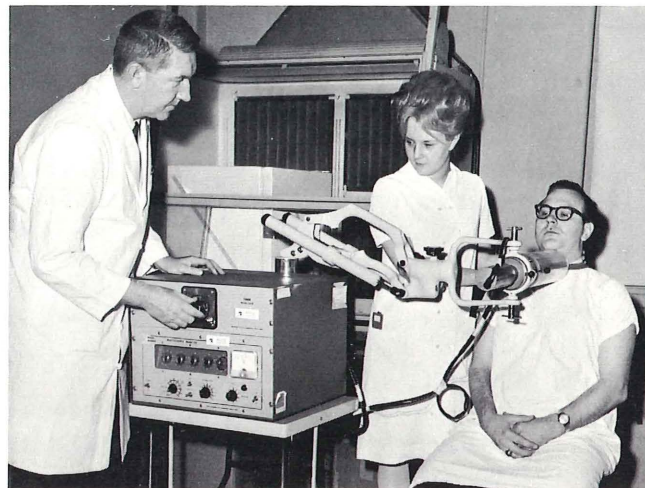
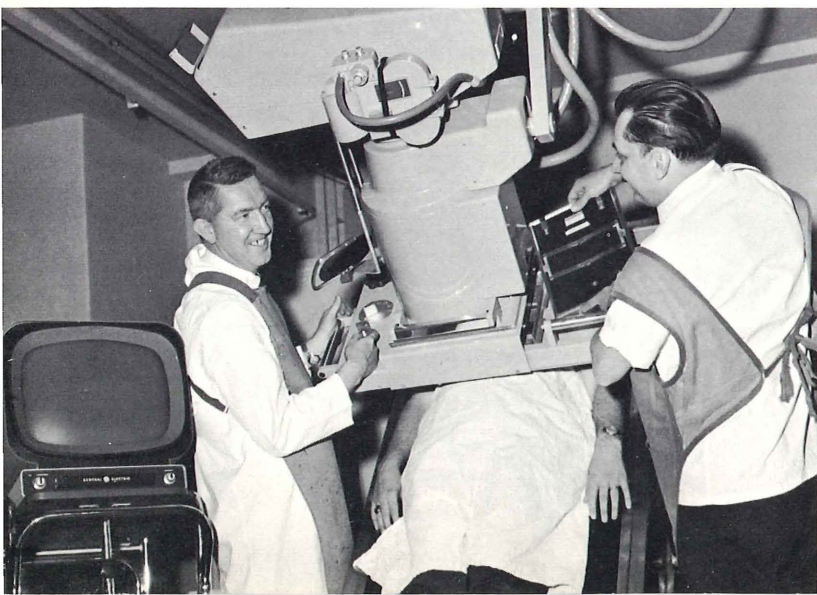
A WIDE new area for exploration and research, utilizing some of today's advanced techniques and recently developed electronic equipment, has opened for the Department of Radiology at P.C.O. It can take any one or all of half a dozen major directions, and has set the stage for even wider activity when the laboratories are finished and equipped at the Research and Teaching hospital on City Line.

This is the estimate by Dr. John J. Gilligan, Chairman of the Department who has had a leading part in obtaining a federal grant and the "wonder instruments" which literally have been the keys to new doors opened, and is predicated upon a \$50,000 total layout for the College. It is not much as federal assistance is measured these days, but to P.C.O. it changed the future, both in teaching and research. Dr. Gilligan took some time to explain.

"Of course, a major acquisition was the Isotope Equipment. Obtaining them gave us several green lights. Along with the new medical scanner they fit into diagnoses of many types — especially in

CINE-RADIOLOGY IN ACTION

Dr. John J. Gilligan adjusts new X-Ray image intensifier with television camera and monitor as Technician Joseph J. Czyz assists.



THYROID UPTAKE SYSTEM

Demonstration by Dr. Gilligan how this 60-cycle set functions in ascertaining condition of thyroid glands.

respect to malignancies, in determining the seat of trouble in the brain, kidneys, spleen, liver, or thyroid. In addition, we do blood volume determinations by use of our volemetron. This is a process whereby we can learn the exact quantity of blood a patient has," Dr. Gilligan explained. "It is not much known among non-medical people what their blood quantity is, or that one man may have one or two liters more or less than another. These are important facts when it comes to replacing blood lost by a patient, for if we know what his normal content is, we can determine what was lost, we may then accurately transfuse. We started this type of work in 1964. It is most helpful in pre- and post-operative evaluation of surgical cases."

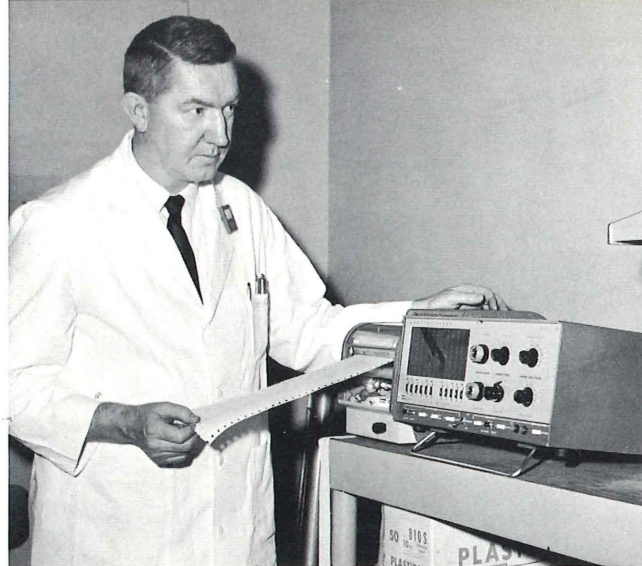
The Isotope Equipment arrived in 1965 after a grant of \$10,000 upon Dr. Gilligan's application to the Atomic Energy Commission. These are stored and carefully guarded in the second floor lab, and are now used in the 20-hour laboratory study for

first year students. There are various kinds of isotopes, and all are under rigid control. P.C.O. is licensed under the A.E.C. regulations. Dr. Gilligan has been working with isotopes since 1957 first at Hahnemann and later at Cleveland.

Although isolated, the Isotope Equipment is quickly available and this is the first year it has been used in Physiology laboratory.

Early in January 1966 P.C.O. obtained its medical scanner, opening up wide new diagnostic areas, especially in brain cases. More and new equipment naturally requires trained technicians and capable researchers. Dr. Gilligan was fortunate in obtaining Mrs. Constance Piern, formerly with Cherry Hill Hospital, who was trained for X-Ray technology. She took up the exacting work with isotopes and in six months became proficient in use of the new equipment installed in the isotope laboratory.

Dr. Jon Peter Tilley, K.C.O.S. '62 who received his M.Sc. during the 1966 Commencement from P.C.O., provides a strong right arm for Dr. Gilligan's new projects. He will continue in the Department's major research in which some of the other new acquisitions are playing important parts. Down the hall, for example, is the new image intensifier with built-in television camera, and monitor tie-ins. Dr. Gilligan said that with enough monitors this new device could be used to teach the entire class in the College auditorium. The former closed circuit TV is now over ten years old.



SPECTROMETER, STRIP CHART RECORDER

Dr. Gilligan demonstrates equipment used in research, teaching and ascertaining precise measurements, and plots spectra of isotopes.

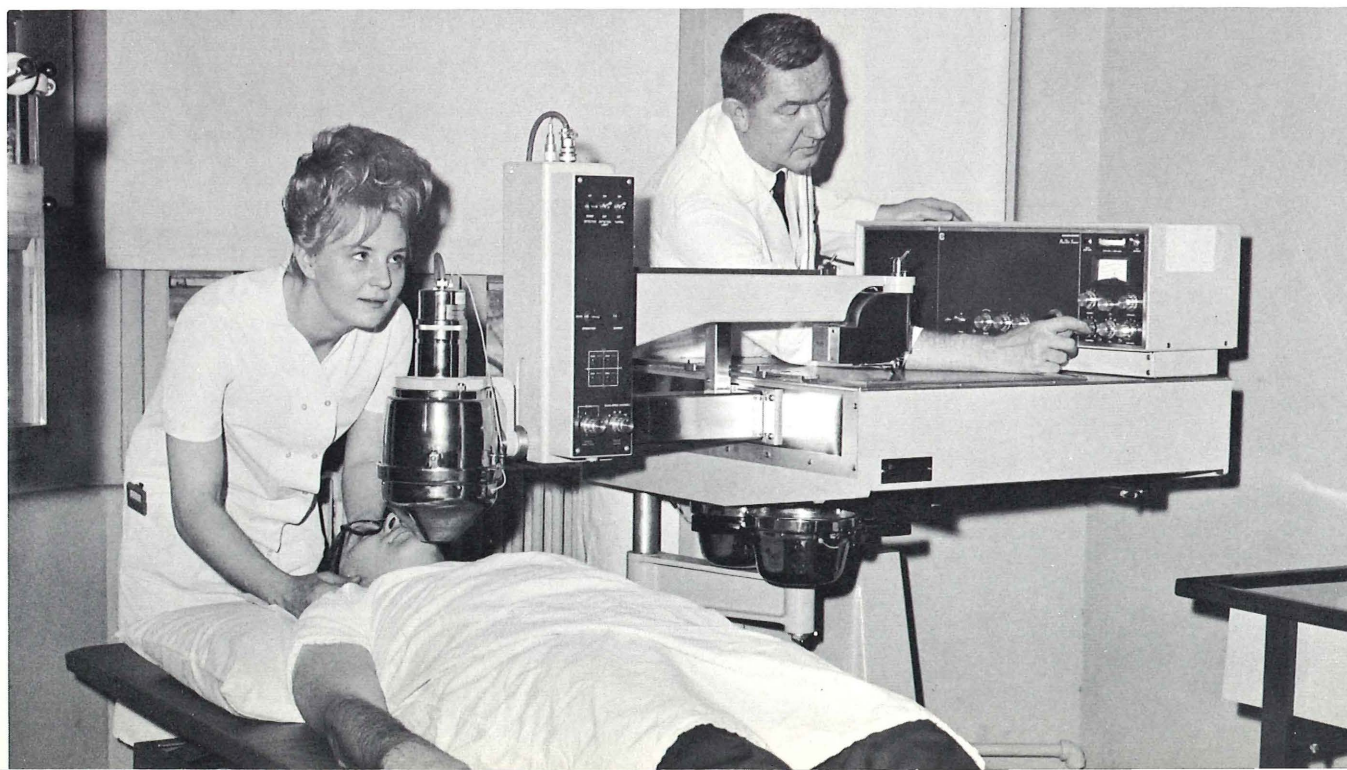
The image intensification equipment is used in cine-radiography, and much used in urological and vascular studies. It permits daylight fluoroscopy, while streamlining many earlier procedures. This piece of equipment has become a major channel in examining the heart's action, for it enabled the intricate X-Ray photographing of heartbeats, circulation and valve action within that organ—taken at 60 frames per second to be developed with accompanying modern equipment.

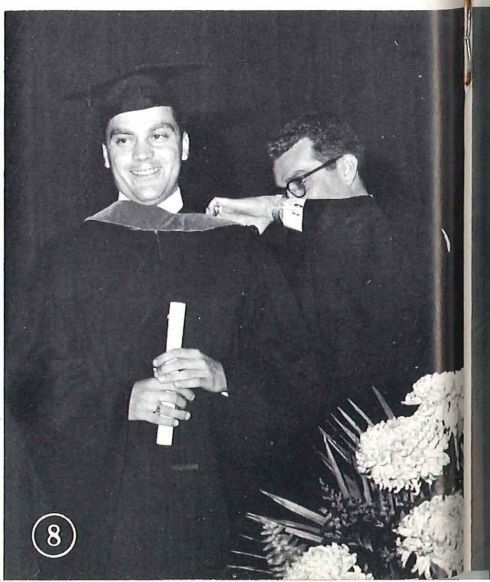
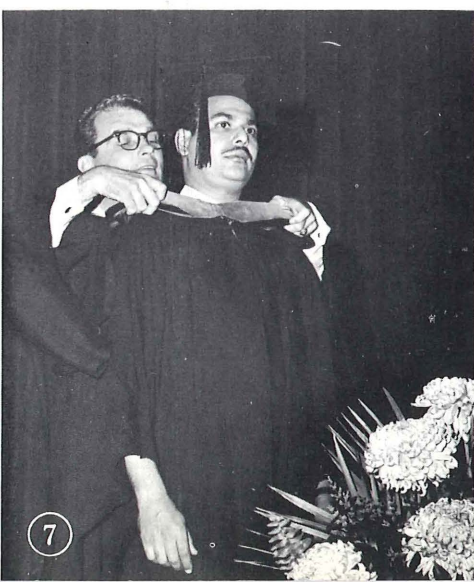
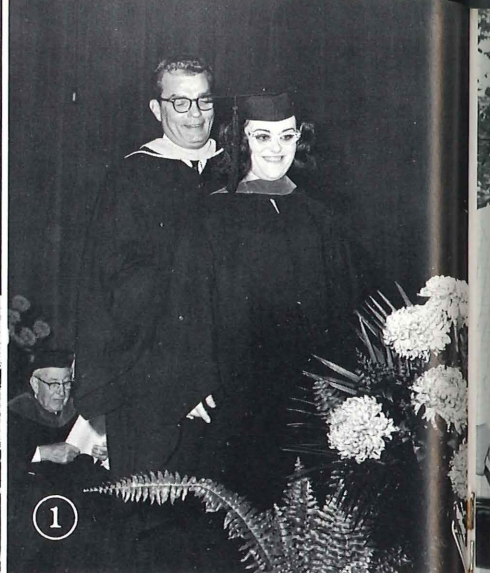
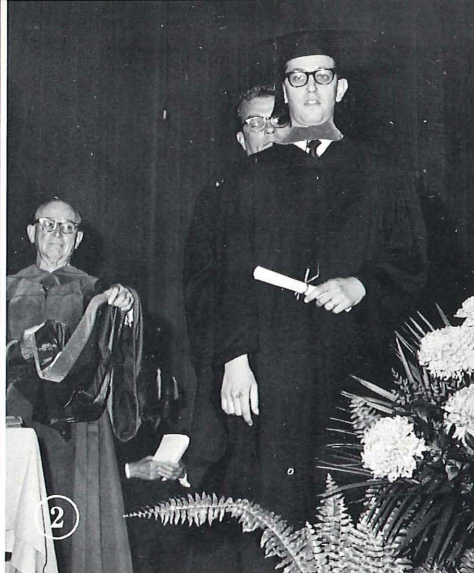
"This equipment helps us greatly in cardiac catheterizations and in coronary artery opacification," Dr. Gilligan

(Continued on Page 35)

NEW MEDICAL SCANNER AIDS DIAGNOSES

This highly useful equipment came to P.C.O. almost as Christmas gift, last Dec. 23. It is used to detect malignancies, other trauma in brain, thyroid glands, liver, kidneys, spleen. Mrs. Piern places instrument on Clayton Lindemuth, as Dr. Gilligan adjusts device.





75th Commencement...

PRACTICE makes a perfect Commencement, and this was No. 75 for P.C.O. It went off smoothly and in record time. The Commencement address was inspiring, practical, and short. Dr. Arthur L. Schultz, Albright's new President, kept the pace lively, as did Dr. Barth. As usual there were extra points of interest: Grandfather Kelly, first for P.C.O.'s graduation class; Gene Godfrey, eleventh hour bridegroom, dashing from nuptials to graduation; those 64 youngsters behaving so well in Irvine auditorium, and the afterglow of that interesting Commencement dinner at The Union League, all are recorded in this pictorial—lending touches of romance and glamor.

But what is Commencement without romance and glamor? Nothing to write home about, that's certain. It would also be a dull climax to four years learning the art of healing. So here are some human sidelights.

Left Side: 1. Pauline Maria Delia Schultz, a wife, mother and D.O. while studying at P.C.O., accepts her academic finale with satisfaction. **2.** Ron Cowen, Lutz award winner for diagnostic proficiency, passes muster. **3.** Alumni Prez Hillard welcomes Class Prez Sidow for symbolic conferring of class membership. **4.** Tom Rowland and Dean Mercer (at mike) present plaques to Synopsis editors (l-r), C. G. Kramer, Tom Swartzwelder, Ralph Fishkin, Mike Zal, John Doherty, and Joe DiMino. **5.** Dr. Barth presents Lindback award for distinguished teaching to Dr. Nicholas Tretta. **6.** Three generations of Humphreys see Frederick James II receive D.O. L-r, George H., and Mrs. Humphrey, Skaneateles, N. Y., his parents; Uncle George Cragg, aged 91; Richard P. Cragg and wife, Philadelphia; grandparents on mother's side; Frederick James II and wife, Barbara, and Grandfather Frederick James Humphrey I, who is a healthy 83. **7.** For Columbus, Ohio's Richard B. Lynch it was the crest of a long road, with internship at Metropolitan Hospital. **8.** Alex Macaione, all around campus man, impresario of successful Yule shows, takes a last bow.

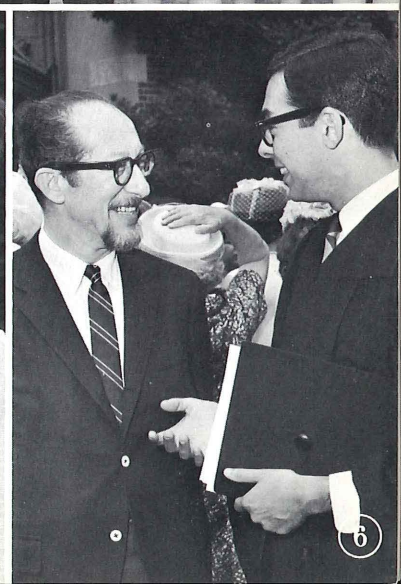
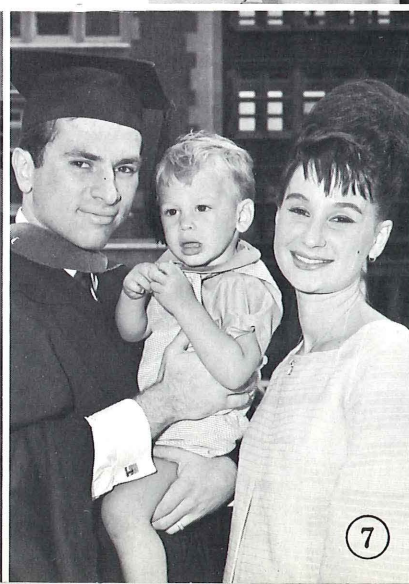
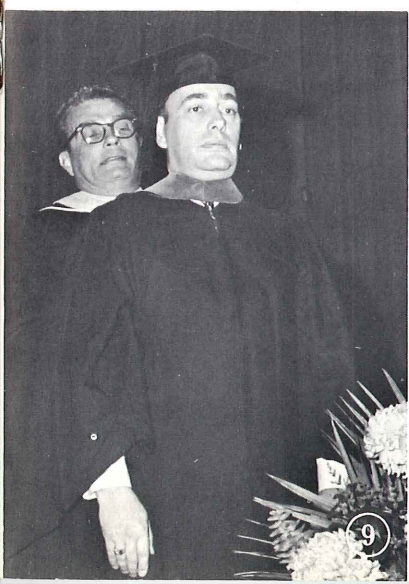


And a Look Forward...

SIGNIFICANT was the fact that July 1 would inaugurate Uncle Sam's unprecedented experiment with Medicare. The Class of 1966 would be the first in P.C.O.'s 75 years to feel its impact. Its graduates were entering an era of shortages, all signs indicated. Not enough family physicians. Too few nurses. Not enough hospitals, beds, or clinical facilities. The federal Medicare would change many things.

The friends and relatives listened and then, as usual after degrees were conferred, they mingled on the terrace for photographs. With three fourths of the class married, wives were prominent. But dad and mother, sisters and brothers as always were numerous. Whatever might lie in the D.O.'s future, this was a day for celebration for those who had helped to put him through. Everything comes up roses at Commencement.

Right Side: 1. Dr. and Mrs. Jack D. Kahan, parents at left, salute Richard Lee Kahan graduate, and his wife, Sheila, on Irvine terrace. 2. "You earned it, Don," Tom Rowland seems to say as Donald Jay Fruchtmann accepts Sivitz Memorial award. 3. Bruce Hall's mother, three sisters and brother came to see him graduate. L-r, Suzetta and Carole, Brude, Mrs. Susanna Hall, Ruth and brother Eric. 4. It was Eugene and Joan Godfrey's first wedding day, they were married Commencement eve at Kingston. The bride, studying for a master's degree in nursing at Penn, wore her corsage. Mrs. Eva Godfrey, Gene's mother, and dad, Charles Godfrey, at bride's left, and brothers, Phil, left, and Ned, extreme right, all had to travel to make both ceremonies. 5. Eric L. Leonardo's mother, four sisters and brother Camillo, rear, made the Commencement. L-r, Mrs. Rose Herbert, Mrs. Margaret Leonardo, Dr. and Mrs. Leonardo, and Mildred Gioiella and Lucille DiGiovanni. 6. "Fancy, meeting you here," says Synopsis managing editor Ralph Fishkin to Prof. I. J. Oberman, honored by the yearbook staff. 7. The Seymour Kilstein's had baby Bruce as their rooter. 8. Art Glah, wife Phyllis with six young Glahs gave Broomall a family edge as Dr. Glah, ex-haberdasher, anticipates suburban family practice. 9. The Class of '66 also had a grandfather, John J. Kelly, Jr. who entered a new career as eleven grandchildren cheered.





THREE ELDERS OF P.C.O.

Among the honored guests at the Class dinner were Dr. Charles R. Heard at left, and Dr. Paul R. Thomas, right, both of the Class of 1916. P.C.O.'s senior Board member, Dr. Ira W. Drew, center, Class of 1911, who had taught them, is shown here with his students of half a century ago.

CLASS DINNER

(Continued from Page 17)

Members of the Yearbook staff, undergraduates who won awards and others were photographed later in the Lincoln Memorial room.

In closing, Dr. Barth invited all Commencement guests to make a visit to the City Line campus to see the new building. He also confided the State was sparing nothing to make it one of the finest hospitals in the East. Meanwhile the Legislature, by contributing \$2500 a year to each student's maintenance in P.C.O., had enabled the College to keep tuition within reach of deserving candidates.

LINDBACK UNDERGRAD AWARD WINNERS

For academic achievement, personality and promise as future osteopathic physicians, Samuel D. Looker '68, Russell Griesback, Jr. '67, Murray C. Soss '67, and James P. Shinnick '68 received Lindback Foundation scholarship awards. They are shown in that order with Dean Mercer and Tom Rowland officiating.



Clinical Symposium On Cardiac Problems

The Student Council of Philadelphia College of Osteopathy organized and presented, with the showing by Dr. Henry T. Nichols, Chief of Section, Thoracic Surgery at Hahnemann Medical College, of X-Ray motion pictures of the heart interior, the second and highly successful of its clinical symposiums. The program was held March 19 in the College auditorium and was well attended. The Symposium Committee included besides the Council of which Alex Macaione was President, Dr. William F. Daiber, faculty advisor and moderator of one section on functional heart disease, and Dr. Samuel L. Caruso, and Dr. Albert D'Alonzo, moderators. The Student Wives acted as hostesses.

Dr. Nichols and Dr. William J. Rashkind, Associate Cardiologist for Children's Hospital of Philadelphia, held the attention of everyone with their illustrated lecture on how the blood passes about obstructive lesions, is shunted from the pulmonary artery to the aorta, and many other interesting revelations now possible through the camera's lens synchronized with the X-Ray.

Dr. Rashkind's lecture "Cineangiographic and Clinical Diagnosis of Congenital Heart Disease," was followed by Dr. Nichols on the surgical approach to congenital heart disease. Dr. Caruso chaired the morning session, and Dr. D'Alonzo the afternoon program. Dr. Robert L. Meals, speaking on radiologic diagnosis, led off the program. Dr. Gerald Scharf discussed Management of the so-called Pre-Myocardial Infarction states in his lecture, and Dr. Bernard L. Segal's specialized discourse was on "Bed-side Diagnosis of Heart Disease." He is also from Hahnemann Medical College. Luncheon was served and from comments by students and faculty members, the symposium was outstanding.

Ten Recent P.C.O. Graduates Made Diplomates of Nat. Bd.

The following alumni of Philadelphia College of Osteopathy were recently made diplomates of the National Board of Examiners for Osteopathic Physicians and Surgeons:

William Q. Taylor	Ralph Lanciano, Jr.
Thomas Henderson	W. Lance Stoker
Michael Yurkanin	Michael Ginder
Vincent P. Salvadge	Bonnie Ginder
Francis H. Fallon	Robert Mandell

In addition to the opportunity for licensure in thirty-four states, the National Board's certificate is regarded as a mark of high professional proficiency.

Of the fifteen National Board members, five are members of the P.C.O. faculty, and an additional three are P.C.O. alumni. Several of the P.C.O. faculty also serve as examination consultants.

Persons and Places

(Continued from Page 15)



"Well Earned, Tom," says Dr. Evans

CLOCKING 15 YEARS? During the P.C.O. Alumni Association's luncheon Sept. 20 there was time out for presenting a time piece to Registrar Thomas M. Rowland, Jr. It was the gift of the Executive Faculty in recognition of the 15th Anniversary of Tom's becoming a member of the administration at P.C.O. The clock, presented by Dr. Evans, requires no winding, operating by changing atmospheric pressure.

During the AOA convention in the Philadelphia Sheraton where the presentation took place, Tom arranged a luncheon for all former P.C.O. Class Chairmen and Student Council Presidents. They came from far parts of the U.S.

* * *

SEMPER PERATIS: Our marrying nurses included the former Terese Ruggeri, secretary in the Nursing Service office, who on July 2 became the bride of Vincent Siciliano, a policeman. Mrs. Rita Anderson, R.N., Nursing Service office supervisor, wed a Pennsylvania Hospital Nursing School graduate in James T. Anderson, who is a member of the Army Student Nurse Corps. "Always prepared," is a good motto.

NEW P.C.O. PARTNERSHIPS: An unprecedented trio of partnerships was announced July 1, upon graduation as interns from Allentown Osteopathic Hospital, of six P.C.O. graduates of recent years. They are Vincent P. Salvadge and Patrick McCarthy, who will open general practice in the Mountainville area; Gerald Melamut and William Lozinger, who will be partners in Fullerton; and P. Denis Kuehner and Bernard Coppolelli, who will practice in Orefield. Dr. Joseph W. Stella, chairman of the Allentown hospital's staff, said it was the first time all graduating interns from that institution decided to open in partnership practice, and remain in the same area in which they interned. A photo of the six, being congratulated by Dr. Stella, appeared in the Allentown *Call*.

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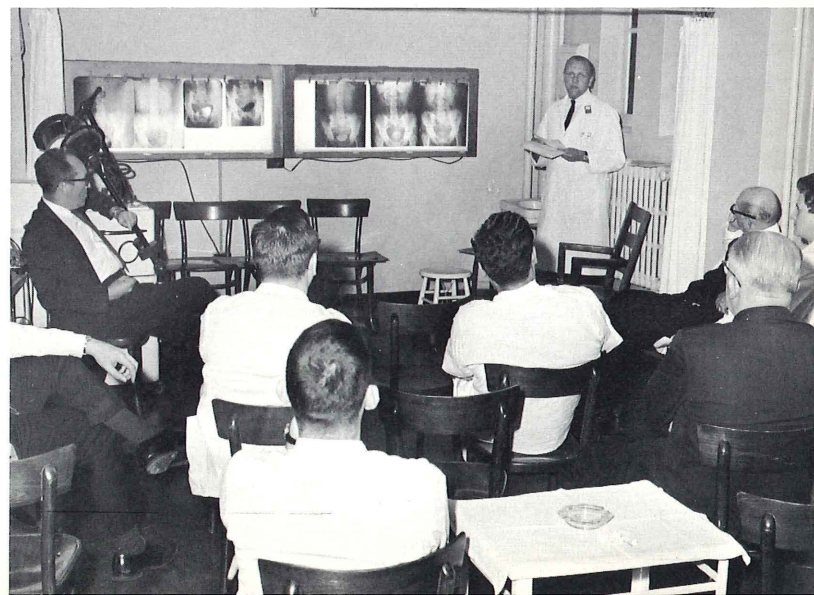
"DUTCH" GERMAN HONORED: Associates and friends of the late Dr. Arthur C. (Dutch) German, P.C.O. 1932, long a leading alumnus in the State of Michigan, last March placed a plaque in his honor in the hospital at Carson City, Mich.

* * *

APPOINTED: Dr. Ralph Zaroff, P.C.O. 1956, a general practitioner in Philadelphia, and Dr. Robert R. Clark, P.C.O. 1963 of Metropolitan Hospital, were appointed full time physicians on the staff of Byberry State Hospital.

TUMOR CONFERENCE IN ACTION

On Friday mornings the College clinic lecture room is apt to have faculty with a number of seniors listening closely, at one of the tumor clinic conferences. Shown here during last week of classes with new senior class are, at left, Dr. Clarence Baldwin, and at right, Drs. Paul T. Lloyd, Eleanor V. Masterson, F. Munro Purse, and, reading, Dr. Robert L. Meals, Radiology Department.



TESTS, CLINICS, AND EXPERIMENTS DEVELOP ADVENTURE IN PHYSIOLOGY

Modernized Laboratory Learning Blends with Students'
Self-Examinations and Weekly Conferences;
Professors Also Enjoy Updated Course

THERE are plenty of ways to describe progress, and even more to measure change, but Dr. Spencer G. Bradford, head of P.C.O.'s Course in Physiology and Pharmacology, used a journalistic expression to summarize what has happened to lift these basic subjects to new levels of activity and interest.

"The course has been updated in both techniques and equipment. Our students can do the sophisticated experiments now that we have the modern apparatus and precision devices so necessary to the laboratory of today. We do not continue in the same teaching and experimental ruts of the past," he said.

Dr. Bradford feels the all out cooperation of the College administration, filling the requirements for full laboratory experimentation, while obtaining a fair share of research fellowships, along with the new personnel and equipment has moved P.C.O.'s

course in physiology farther and faster in the last five years than in all its previous experience. He also credits a talented group of assistant and associate professors and instructors who make physiology teaching more of an adventure than a pat routine over three semesters. This in their first year and a half of study has an uplifting effect on beginning students of osteopathic medicine.

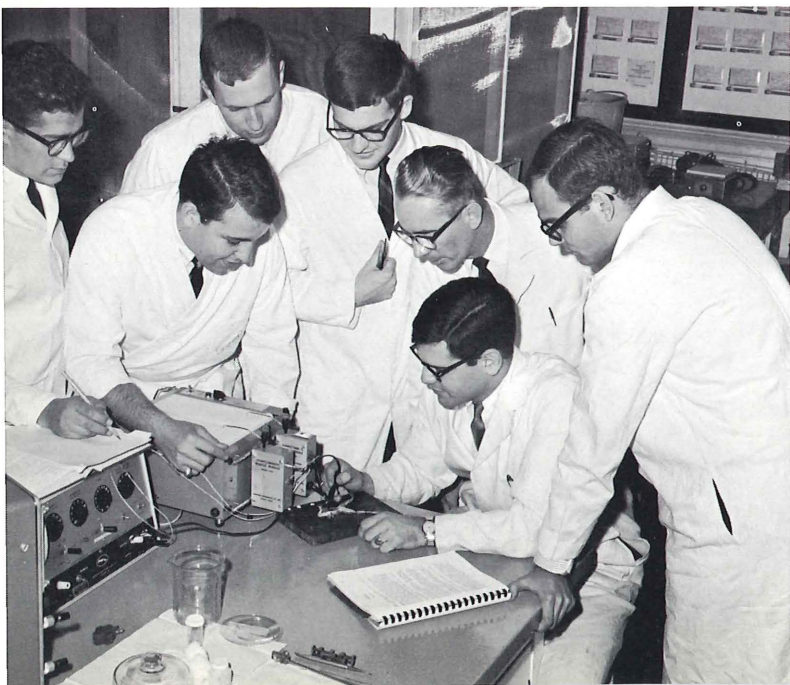
"When you consider we give 110 hours of physiology lectures, 120 hours of laboratory work, 55 hours of pharmacology lectures with 60 hours of laboratory, you can understand why of those students who eventually drop out — finding the study load too heavy — one out of three has had serious trouble with physiology," said Dr. Bradford. "We regard anything in the mid 80's a good mark. Above that is excellent. And yet we find it is a popular course with most students, many of whom return to visit the familiar scenes after they've gone into private practice. Call it a 'fringe reward,' but every teacher likes to be able to say that."

The physiology course is taught by six men. Besides Dr. Bradford they are Dr. Paul H. Thomas who holds a Ph.D. in physiology from Temple University, and left a good practice in Hatboro to become P.C.O.'s coordinator of research. Another Ph.D. is Dr. Theodore Norris, Associate Professor of Clinical Physiology. Dr. Frank B. Falbey, an Associate and three instructors, Dr. E. Milton Friedman, Dr. Nicholas M. Renzi, and Dr. Norman Richter, who teaches materia medica and prescription writing, complete the staff. Friedman and Renzi also instruct in pharmacology.

A visit to lecture room and lab quickly confirms the course director's report. Fifteen students were giving one of their number an electro-cardiographic test, one of the popular exercises of the lecture hour. Stanley M. Poleck had volunteered, and Dr. Bradford supervised the hookup to one of the new equipment units. The graph records pulse wave, heart sounds, with a third line the heart action. One of the subjects the students learn, is the effect of various drugs on the heart, whether they augment or

CARDIOVASCULAR EXPERIMENT, FROG.

Using newly acquired equipment, First Year students here test frog's pulse and circulation under instructors' direction. L-r: Dr. Renzi, Harry Serfer, Edw. Silverman, Jos. Siebold, Dr. Falbey, Richard Shapiro, John Shutack.





MARVELS OF THE CARDIOGRAPH UNFOLD

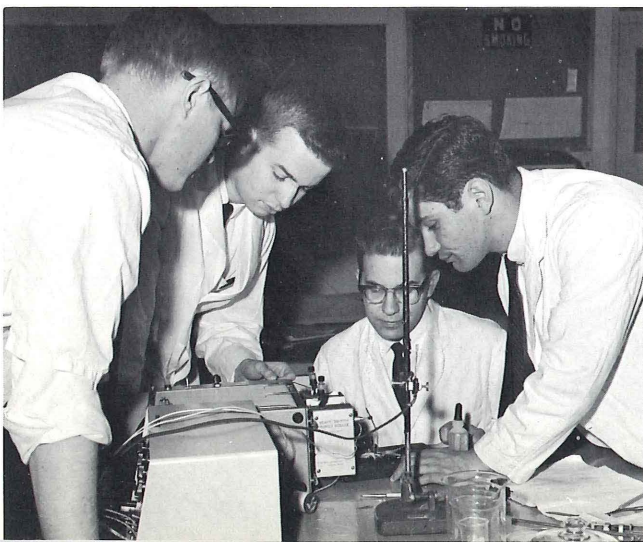
Professor Spencer G. Bradford (in gown) shows a section of First Year Class the things a cardiograph reports about the human heart. A regular lecture feature, photo shows l to r: Students Joel Mascaro, Sam Kushner, Mark Radbill, John W. Painter, Jr., George Moore, Stan Markunas, Jr., W. J. Saks, Harry E. Manser, Robert Ligorsky, Lawrence Schmitzer, Sally Rex, Marcus, J. J. Peditto, and prone "patient," Stanley Poleck.

retard the action, and what inter-action one drug may have upon another. This experiment is usually done on a dog, the effects being recorded on a rolled tape, with notations by Dr. Bradford and Dr. Thomas.

Another popular experiment by the students provides a more detailed report and deals with pharmacology.

CANDID CAMERA, LAB SHOT

Joel Woodruff, Stephen Wood, Barclay Wilson and James Ziccardi watch dials on a stimulating unit.



In the laboratory the frog is much used in cardiovascular studies. In small groups the students measure the pulse and note the heart action of their specimen, taking notes as they examine the modules and measuring apparatus.

It should be explained that any laboratory experimental program requires preparation and cleanup. The P.C.O. physiology lab has found just the man for these tasks in Walter Moon, a retired citizen who lives in Abington. He was in engineering and soon adapted himself to the academic chores of lab maintenance, preparing solutions, arranging for the experiments, and recovering the lost and restoring the found of the students. Dr. Bradford regards Walter Moon as a cheerful addition to the department and one whose enthusiasm has made his retired years useful as a qualified technician.

The report on the Physiology course would be incomplete without mention of the clinical cardiovascular conferences held at the 20th Street Hospital, and which offers better clinical advantages every year. Once each week the

(Continued on Page 34)

Capt. McGowan's Transfer Dims Future of Harbor Light Clinic

Salvation Army Headquarters Slated for Urban Renewal Razing, But Dr. Sarkessian and P.C.O. Volunteers Will Carry On

IT WAS a warm, humid and sunny evening June 23, 1966 when Captain and Mrs. Edgar McGowan turned into N. 8th street and entered the side door of the Salvation Army's Harbor Light quarters. A handful of regulars were beginning the gospel service, and a couple of stragglers had gone to the second floor clinic which would begin treatments at 8 o'clock. Dr. Al Sarkessian and two of the fourth year student volunteers from Philadelphia College of Osteopathy had arranged the emergency kit, the headset mirrors and instruments on the cubicle tables. It was all routine but neat, the result of long practice in this unusual setup at 8th and Vine, once the old "Tenderloin."

What wasn't usual, however, was the appearance of the McGowans, both in freshly pressed Salvation Army uniforms, with son Eddie, a 9th grader at Roxborough High, accompanying them. It was their last day's duty at the Harbor Light. The McGowans had been promoted to Divisional H.Q. at Broad street and Fairmount ave., where

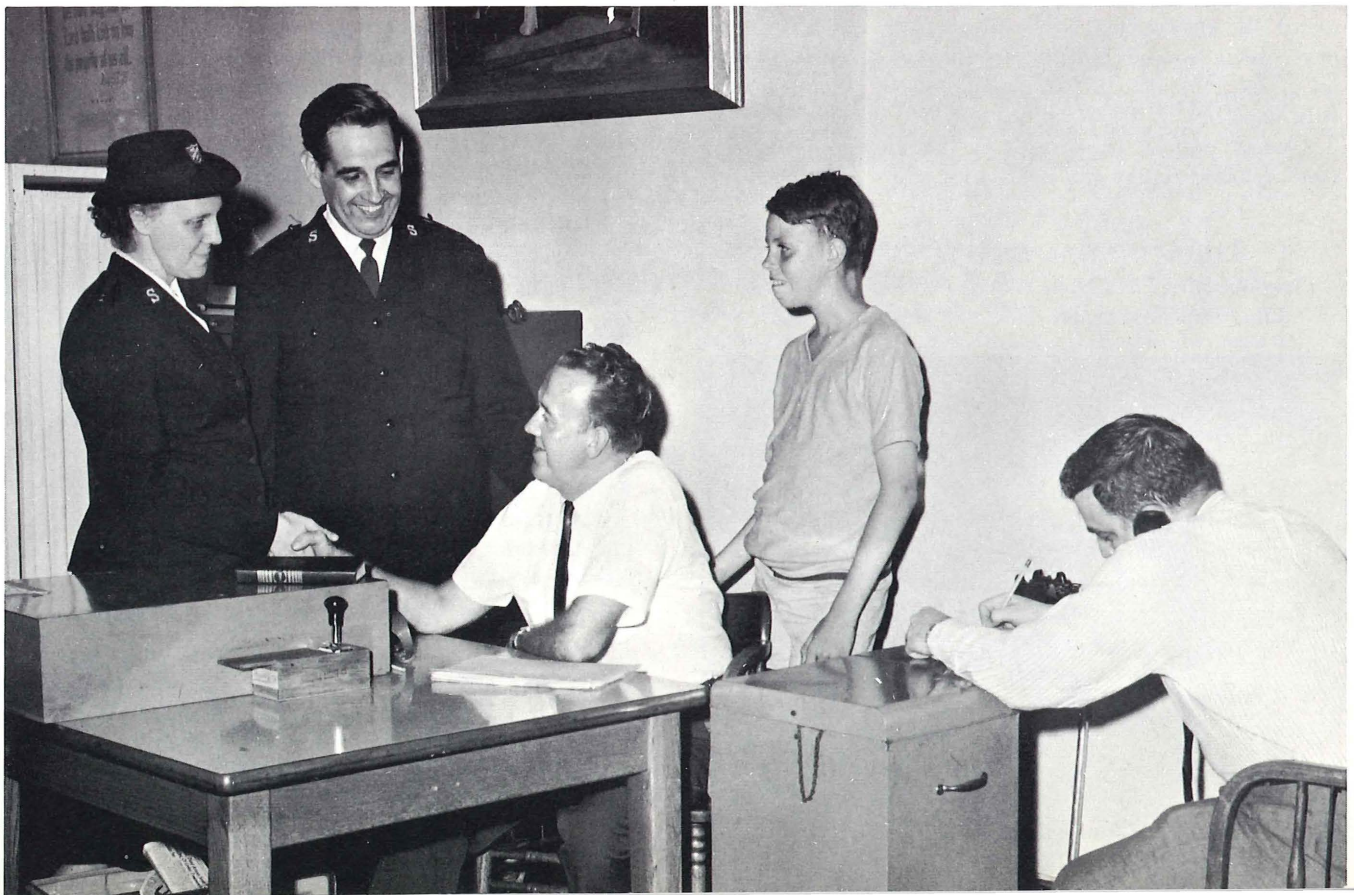
the Captain was to be Assistant Divisional Welfare Secretary. With Mrs. McGowan he was completing twelve and a half years at one of the rockiest S.A. stations in the United States, Harbor Light, a last port of call for winos, alcoholics, career bums and chronic drifters too hopeless for government relief and welfare agencies.

"The building's supposed to come down when they begin that rehabilitation and urban renewal around here," the Captain said. "But the Harbor Light station will be continued, somewhere. We'll miss the old place, however." His wife smiled wistfully and beckoned to one of the patients, a bulky woman with nose flattened in some forgotten altercation, who complained of headaches and wanted her blood pressure taken. Dr. Sarkessian, who now supervises the P.C.O. volunteers after several years himself a student regular at the clinic, treated the woman while Mrs. McGowan talked to her. Hers was the 691st

(Continued on next page)

HARBOR LIGHT SKIPPER AND MATE SAY FAREWELL

After twelve and one-half years dispensing soap, soup and salvation, plus some health and emergency treatment through the volunteer P.C.O. clinic, Capt. and Mrs. Edgar McGowan said goodbye to Assistant Bill Gonzalez. Their son Eddie listens and Dr. Al Sarkessian holds the phone. End of a chapter, June 23, 1966.





"OPEN WIDE, PLEASE . . ."

Samuel M. Feinstein, a Northeast Philadelphian, examines a Harbor Light regular on the McGowan's last night at famed Salvation Army clinic, 8th and Vine sts.

treatment of the year; the clinic would pass 700 by July 1 when the first six months' caseload was computed.

"Most of them are repeaters, but we have had 59 new people on our case list since January 1," Mrs. McGowan said.

In another room Samuel M. Feinstein, who has been volunteering for some time, was listening to the symptoms of a man in a striped shirt. Sam and Marshall (Rip) Levinson are the clinic coordinators. They make sure those supposed to serve are on duty, and that the clinic is in readiness. There are willing substitutes if someone has to be excused, Feinstein said.

This mutually beneficial arrangement has continued since 1961 when the Salvation Army and P.C.O. worked out necessary details, legal and professional, for a happy relationship that helps the helpless. It began, McGowan recalled, with a telephoned offer from Dr. Walter M. Hamilton, former member of the P.C.O. faculty. Dr. Harry C. Hessdorfer, now moved to New Canaan, Conn., supervised the clinic the first years. Dr. Keith Buzzell, now in Portland, Me., assisted him. Another pioneer in those days, McGowan recalled, was Dr. Walter Cavanaro, known to the patients as "Gunsmoke," because he often gave them "shots." Other favorites across the year included on McGowan's list were Drs. D'Alonzo, Herb Slotnick, and Jerry Miller.

Reflecting on the clinic's work, Captain McGowan spoke of the canned heat alkyl victims; he had identified 18 of the 31 who died a couple of years back. Many of the victims were unsteady dependents of its services. One man had an ulcerated leg with extreme infection before they cleaned him up—and ultimately saved the limb. There were severe coronaries, and an occasional slashing from the broken bottle battles, that led to infections. And, always, the cirrhosis of the liver cases. Most of them sleep in the streets or flophouse accommodations, and suffer from malnutrition and debilitation.

"Much of the new work will be with alcoholics," the Captain said, "but I'm sure I'll miss the Harbor Light's old pros." He looked around the large room, better lighted now, better decorated and equipped for its charitable ministrations than three years ago when the *DIGEST* first looked in for a story. Like the living room furniture, even a gnarled wino's physiognomy becomes part of the daily scene at the Salvation Army's outpost.

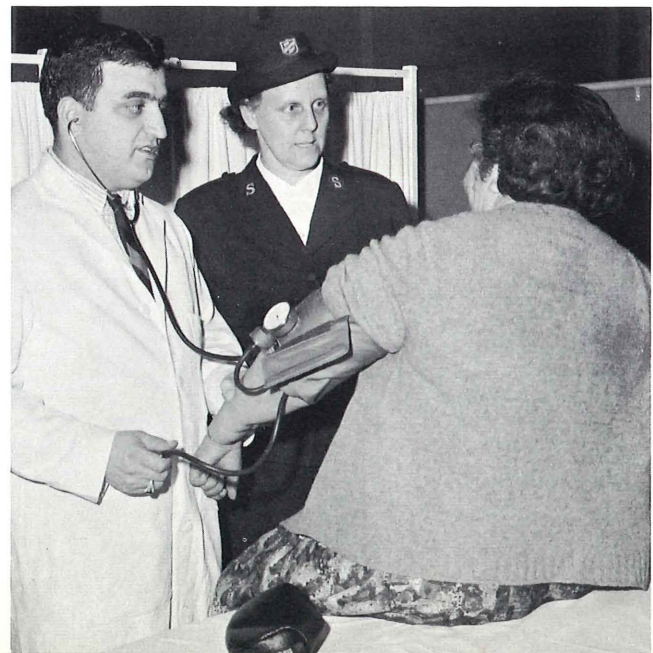
"Take a fellow like Charley Twisdom. He's been here, a handy man at nominal pay, since the end of World War I—that was in 1918. But he just stayed on. He opens the station every day for shaves and showers. You know, we tolerate no beatniks here," the Captain grinned. Remember the S.A.'s motto: soap, soup, salvation. Well, Twisdom takes care of the soap."

The McGowans came originally from Montreal; Mrs. McGowan a Salvation Army lass at age 21. She likes Philadelphia, where she came to work all these years at 8 a.m., stayed until 10 at night. Now, there is time to spend with Eddie and Lily-Jean, a 10th grader. But there will be no bridge playing, no golf, television or movies—in fact, social life just hasn't crowded into the McGowans' schedule. Mrs. McGowan thought a cookout or picnic might be a start, however.

(Continued on third cover)

"TRY GETTING MORE SLEEP . . ."

Dr. Al Sarkessian, Supervisor of P.C.O.'s Volunteer clinic at Salvation Army's Harbor Light, takes a patient's blood pressure as Mrs. Edgar McGowan completes a long duty at long hours.



Bioengineering Research Invites New Healing Era, Hennessy Says

Founders' Day Speaker Intrigues 67th Observance Guests and Students with Comparisons; Dr. Cathie Gives Snyder Address

THE 67th Founders' day program for Philadelphia College of Osteopathy on Jan. 29 proved something of a combined plan, for it brought Executive Dean Wesley J. Hennessy of Columbia University's School of Engineering as speaker of the day, and one of three who received Honorary Doctor of Law degrees from P.C.O. on that occasion. It happens that Dean Hennessy and Dean Sherwood R. Mercer, along with Professor Frank H. Lee of the Engineering School who was a guest of P.C.O. for Founders' day, have since 1954 been arranging and administering the famed Combined Plan conferences held at Arden House, the old Harriman estate overlooking Tuxedo, N.Y. So it was a happy occasion when Dean Hennessy was presented by Dean Mercer and received his LLD. at the hands of President Frederic H. Barth, President of the College.

Former Governor George M. Leader, and the new Director of Civil Defense, Harold Salkind,

who for years was Registration Commissioner in Philadelphia, were the other recipients of the Honorary LLD. Leader took the occasion to explain to reporters why he was no longer interested in seeking another term as the Commonwealth's chief executive. Having made the Founders' day talk in 1965, he nor Salkind made any formal remarks.

The burden of Hennessy's brief discourse was that the joint efforts of physicians and engineers are "heralding a new, creative era in the field of medicine." He supported this startling suggestion by citing the development of artificial organs, mechanical-electronic substitutes for circulation of the blood, the various devices substituted for worn out valves in human hearts, and the insertion of man-made veins in the human body. He foresaw more complex prosthetic systems in prolonging useful life and relieving pain, each a milestone in the increasingly closer relationship between two distinctly different professions.

It was an unusual Founders' day talk, entitled "Bioengineering—A New Professional Partnership."

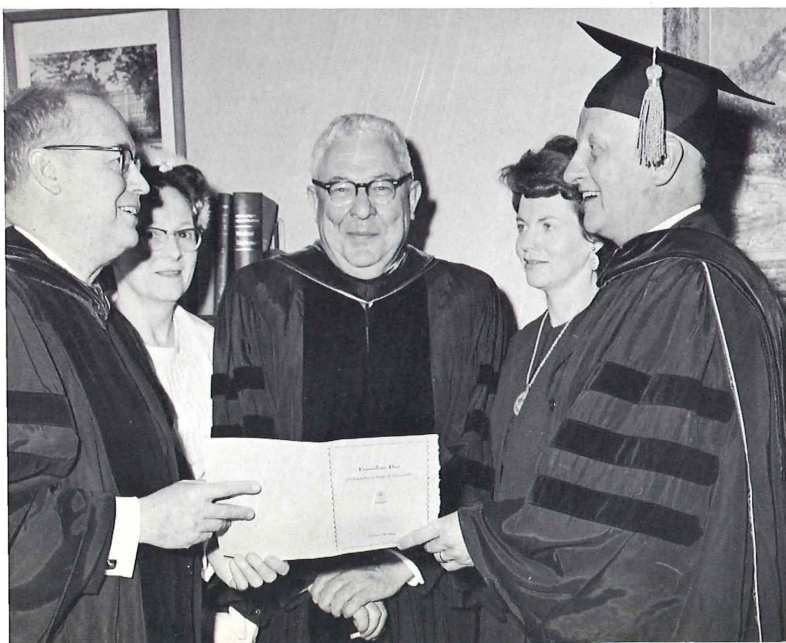
The traditional Dr. O. J. Snyder Memorial address this year was delivered by Dr. Angus G. Cathie, Director of the Combined Courses of Anatomy and Osteopathic Principles and Practice. Dr. Cathie's treatment of the familiar rise and struggle story of P.C.O. was touched with humor, but he injected a measure of the Cathie spirit and called for dedicated, finished performance in the practice of osteopathic medicine.

Dr. Cathie received a prolonged, standing ovation at the conclusion of his appraisal of the founder. He had described Dr. O. J. Snyder as

(Continued on next page)

LIKE ARDEN HOUSE REUNION

Professor Frank H. Lee, center, was a pleased guest as Dean and Mrs. Mercer, at left, greeted Dean and Mrs. Hennessy.





FOUNDERS' DAY LUNCHEON AT BARCLAY ON CITY LINE

"a man with a charted course, one who would not be diverted, and who, had he met the devil in his path, would have cut him in twain and strode between the parts!"

On the many frustrations of early P.C.O. history, Dr. Cathie took the 500 students and alumni who had gathered for the occasion, back to days when the students had to hoist cadavers to the upper floor by rope and tackle to pursue their anatomy studies.

"Today we have made progress; we have an elevator, and the roof does not leak," he jested. He characterized Dr. Snyder as one who built firmly for an institution of service, of knowledge, and of lasting integrity. His briefing on the World War II experiences, the blacked out hospital, the mixed lay and professional board which grew out of fiscal problems in the past, and many other developments which contributed to the rising status of P.C.O. and its \$7.2 million Research and Teaching hospital on the City Line campus, was an updating for those back for the mid-winter celebration.

Dr. Barth said Founders' day was a time to reflect "while being caught in a whirlwind of advancing science." He said one of its chief characteristics was obsolescence, especially in human uses. He mentioned his 17 years at P.C.O., and urged the students to remember the College history and its teachings.

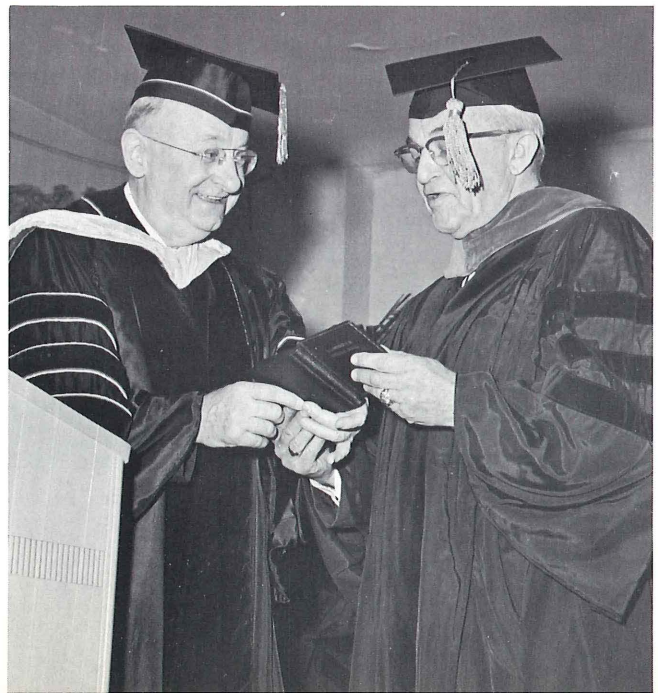
Dean Hennessy's comparisons found the engineered systems necessarily simple, but "no system as complex as the human body has as yet been built, or fully analyzed." The problem then, as he described it, was how to approach

the whole organism, the whole man. He said that engineers, scientists, the physicians are united in their concern for this whole man, but they realize that his health and well being are almost always provisional, based on incomplete knowledge. In this effort for solutions, there is a fundamental difference between the engineer and the scientist, and likewise a difference between the scientist and the clinician.

(Continued on Page 33)

O. J. SNYDER MEDAL

Dr. Angus G. Cathie, popular Director of the Combined Anatomy and Osteopathic Practice courses, receives traditional award on Founders' day from Dr. Barth.



Old Grads and Guests Enjoy Founders' Day Visits

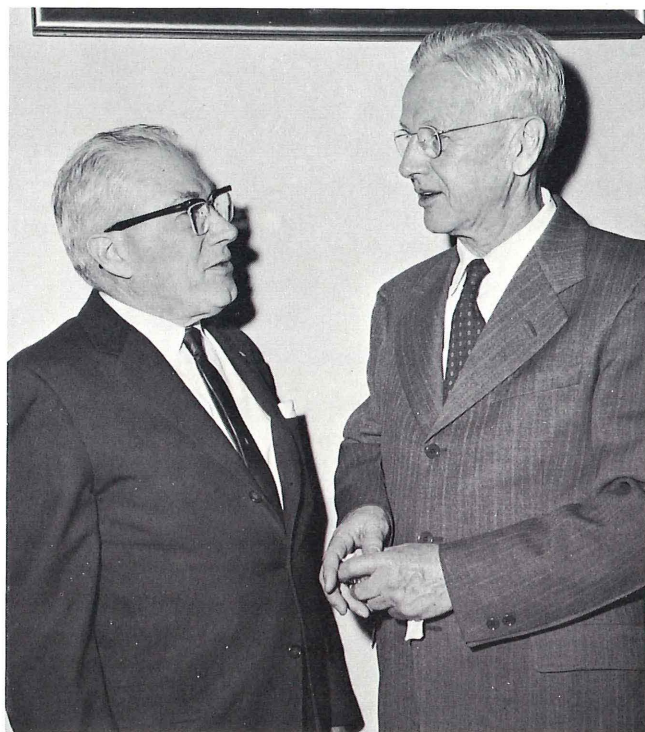
IN an era when the family physician is hard to find, and cries for help are heard throughout the land, it is reassuring to find a pair talking about everyday practice. This took place during the luncheon of alumni and guests in the College auditorium after P.C.O.'s 67th Founders' day program ended. Dr. Robert H. Abbott, P.C.O. 1940, a pillar in the community life of Muncy, was exchanging experiences with Dr. William S. Delp, P.C.O. '24, who has put in 38 years treating the sick around Lansdale, Pa. Both are the very image of the general practitioner who has remained with his patients through the years.

Dr. Abbott has taken a leading part in Muncy's civic life since wedding a Muncy girl, settling there in 1940 shortly after graduation. He engineered the purchase of Muncy's water company, was recently elected President of the Williamsport Shrine club, was elected Councilman for four years, and finds time to go deer hunting each Autumn. Moreover, he is still good enough with the rifle to have bagged one buck in each of the last six years.

Between these duties, which led to his being elected Muncy's Man of the Year, Dr. Abbott and his wife raised a

SUCCESSFUL OLD PROS

Dr. Robert H. Abbott, '40, exchanges life's reflections with Dr. William S. Delp, '24, who practices in Lansdale.



OLD GRADS' HUDDLE

Dr. Charles W. Sauter II, Chairman AOA Bureau of Professional Education, center, chats with Drs. H. Mahlon Gehman, '27, left, and Harry C. Hessdorfer, '28.



son and daughter. Robert II is in the electronics industry. Daughter Lois Abbott Hamilton is a physio-therapist in Wilmington General Hospital where her husband is likewise employed.

These and similar family activities fill the conversations at such mid-winter gatherings on Founders' day. Dr. Delp's longtime doctoring in Lansdale would make another story; one sees a great many patients in 38 years.

The subject with Drs. H. Mahlon Gehman, '27, Charles W. Sauter II, '31, and Harry C. Hessdorfer, '28, was contact lenses. Sauter and Hessdorfer both wear them since cataract operations, and Dr. Gehman, who has taught many an eye, ear, nose and throat student, was smiling at one of the many lost lens stories contacts generate. This is one of Dr. Sauter's favorite stops, and as AOA President 1962-63 he made many to P.C.O. He is much on the move even now; as Chairman of its Professional Education bureau he makes the Chicago headquarters twice a month. Dr. Hessdorfer was Director of Clinics at P.C.O. up to 1954. He is now Asst. Professor Emeritus, Internal Medicine.

Another AOA ex-President, Dr. Galen H. Young, '35, with his wife and daughter were in the Founders' day crowd. Mrs. Young and Sandra, a twin whose brother was attending law school at LaVerne, Cal., chatted with Dr. Munro Purse, and their subject was pediatrics. Sandra does psychological testing for the Civil Service department in Harrisburg, but commutes for weekends to the Young home in Wallingford. Mrs. Young confided that her twins had been delivered by P.C.O.'s elder obstetrician, Dr. H. Walter Evans, long the Secretary of the College Board of Directors.

Another group brought together three from the Class of 1941: Drs. Anton H. Claus, David Silverman, and Warren Swenson, all now practicing in Philadelphia. They were joined by Dr. Charles F. Breuninger, Lansdale, and Dr. Eleanor Boal Claus, '38, and interrupted conversation while a picture was made.

Such extemporaneous reunions have served to keep the P.C.O. interest in flower, and to reflect the various channels of service the College graduates are following. The careers of two old pros like Bob Abbott and Bill Delp highlight the vital service of the family physician in the smaller city or town, and particularly the densely populated urban areas and big city suburbs. These things emerge from casual conversation with the veteran D.O., mainly by inference. As with any dedicated professional serving the public they hardly need labor the obvious, which is that a nation of 195,000,000 people cannot expect to live healthfully without the general practitioner in medicine.

Three members of the 1941 P.C.O. Class started a visit as (seated l-r) Drs. Anton H. Claus, David Silverman, and Dr. Eleanor Boal, P.C.O. '38 who is Mrs. Anton Claus of Mt. Airy, are joined by (standing) Dr. Charles F. Breuninger, '50, Lansdale, and Dr. Warren Swenson, '41.



Alumni Day Is Reactivated, Dinner, Golf at Bala, Sept. 17

A rekindled spirit among P.C.O. alumni who have followed the City Line campus developments has resulted in reactivation of Alumni Day. At the suggestion of Dr. Charles W. Sauter II, Gardner, Mass., member of the 1931 P.C.O. class, and a recent President of the AOA, the Alumni Association Board of Directors at its meeting during Commencement voted to have a dinner and dance with afternoon golf tournament at Bala Country Club, in Philadelphia, Saturday, September 17. A full tour of the Teaching and Research hospital on City Line will precede the program.

Dr. Henry N. Hillard, Lancaster, President of the P.C.O. Alumni Association, made the announcement during the Commencement dinner at the Union League. Details were to go out in a letter to all members, with a return card inclosed. Cost of the combined golf and dinner dance is to be \$20 per couple.

Student Wives Association

During a typically varied year's activities, the Student Wives Association at P.C.O. established a new record for its group in sale of Osteopathic Christmas Seals. No previous SWA Chapter had done so well as the 1965-66 group.

Mrs. Lorrain Briggs, President, Vice Presidents Maryann Schraeder and Mary Ackil; Phyllis Glah, Recording Secretary, and Bonnie Miller, Corresponding Secretary, with Treasurer Joyce Bear comprised the Executive Committee of the SWA. Christmas Seals committee chairman was Lois Surer. JoAnn Donlick and Ruth Corddry put out the newsletter, and Sally Adams and Gloria Warhola produced a compact yearbook in mimeographed form.

The senior wives' luncheon, once more graced by Dean Mercer and Director of Admissions Rowland, capped the year's agenda of teas, bake sales (Oct. 21), pot luck supper (Feb. 22), and lectures. A television studio tour March 29 added backstage information on that mass media. Mrs. H. Willard Sterrett spoke at the senior wives' luncheon. Roberta Gilbert extended greetings.

For the academic year 1966-67 the SWA will be led by Mrs. Gene Miller. Vice Presidents will be Mrs. Joseph Ackil, and Mrs. Hugh Corddry, who is the daughter of Dr. Dewaine Gedney, Associate Professor of Surgery at P.C.O. The recording secretary is Mrs. Warhola, corresponding secretary, Mrs. Edward Schrader, and the Treasurer, Mrs. Surer. A well planned program for 1967 has been agreed upon. The wives dedicated the '66 yearbook to Mrs. Marguerite Archer, who as assistant to the Registrar, provides them with helpful advice.

Dr. Ruth Waddel Is Fellow

Two new honors came to Dr. Ruth V. E. Waddel, Professor and Chairman of the Department of Pathology at P.C.O. She was made a Fellow in the American Osteopathic College of Pathologists during their convention in Philadelphia last September. She also became Vice-President of the American Osteopathic Society of Cytology.

Alumnae Nurses Revisit P.C.O. To Stage Pre-Holiday Bazaar

Barbara Knosp, Class of 1960 and Hazel Greiner Combine Efforts for Early December Reunion

DURING the years they were away from the campus, several assigned to hospitals in the Eastern Pennsylvania area, several of the P.C.O. Nursing School alumnae thought of a time they would return for reunion. But since the suspension of the school, the crowd had scattered. It required something more than just a visit to justify a day off from duty, with the journey back to 48th and Spruce streets in Philadelphia.

Barbara Knosp, who as one of the moving spirits in the Class of 1960 had been back on other occasions, wrote several letters and persuaded Hazel Greiner to be chairman of a Nursing Bazaar committee. The committee's major purpose was to collect, through purchase and home production, enough attractive articles to revive the traditional Christmas bazaar. It was set for December 6 in the College Hospital lobby, 9 to 12 o'clock in the morning.

"We decided what money came in would be used to purchase a cardiovascular suction pump for the College," said Miss Knosp.

There is really no problem in selling articles to the faculty and hospital staff, but the word was passed and when the merchandise was spread without too much fuss over decorations, it had that old Christmas reminder—it is better to give than to receive.

The girls came from cities round about, Miss Knosp

AVAILABLE MISS JOHNS

It's a short walk from the Emergency room to the Hospital lobby, and Betty Johns helped arrange things.



THEY PLANNED A BAZAAR

Hazel Greiner, Chairman, left, and Barbara Knosp were the idea girls in Nurses' reunion-bazaar.

being at the Osteopathic Hospital in Lancaster, Miss Greiner from Philadelphia, Betty Johns on duty in the P.C.O. Hospital emergency ward, Nancy Nielsen, from her night supervisor's task at P.C.O., and Frank Martin also from Lancaster. There were also Mrs. Donald Cornell, Mrs. Edna McPhearson, Mrs. Rita Laib, and although now retired, the ever faithful Helen Sterrett came on from her Germantown home. It was a good bazaar but a better reunion.

The bazaar sold out, of course. The nurses acted as sales girls, and there was time for the usual coffee and doughnuts, with reminiscences.

"At least it was a beginning. We may get more interest in future, and if enough of the girls can spare the time, and if the new hospital nursing requirements add an incentive, who knows? This could happen again," one of the girls remarked.

FOUNDERS' DAY

(Continued from Page 29)

"The scientist seeks first to extend man's knowledge, to find new laws which order nature, and to subjugate bare fact to rational understanding. He is able to narrow his field of inquiry in pursuit of a truth which need bear only casual relationship to a contemporary problem. He may go to the end of his career, specializing intensely in pursuit of a single answer," Hennessy pointed out.

But the clinician is constantly aware of competing factors, the varying values and their assignment to symptoms and therapeutic procedures. These with the never suspended overall judgment, rule his life.

The engineer meanwhile maintains a like relationship to, and a distinction from science. He may build a safe, functional bridge but knows he cannot count on contributing to science in the process, yet he must know the scientific details that go into his task. It was the area in which these interprofessional lines of procedure already have, and will in future have a tendency to cross or comeingle, that the Dean explored.

From the outset certain fundamentals had to be recognized: Not all problems of health are matters of life and death, and not all engineering solutions have been applied to the mass, rather than individual problems.

Evolution in analytic techniques on the part of both physicians and engineers is gradually dissolving this distinction. On the one side, the body is being seen more hopefully as a system whose parts can be analyzed and the results reintegrated into at least a partial representation of the whole. Engineers, on the other hand, are building ever more complex systems and are joining in the biologist's demand for more powerful mathematical tools with which to treat these systems. Problems of predicting blood flow distribution to various organs on one hand and of designing complex vehicular traffic systems are remarkably similar and are just becoming approachable with contemporary analytic techniques.

Control theory, which engineers have developed to aim radar antennae and maintain desired activity in chemical plants, has shed new light on how respiration is regulated to cause appropriate amounts of oxygen and carbon dioxide to flow into and out of the body. On the other hand, recent analyses of the tracking mechanism used by the eye appear to suggest new and perhaps superior methods for designing man-made scanning devices.

"Faced as we are—both engineers and physicians—with boundless complexity and an inundation of disorganized fact, I am suggesting a broader confrontation of the unknown. It seems clear to me that only more and more intense joint effort by clinicians and engineers can provide us with the breadth and power to use all that we know and will find out about nature. It seems even clearer, if the professional man is to continue to link the increasing demands of humanity with the growing complexities of science, that we two professions must band together to

defend and expand our function. Much of man's hope must rest with those who do not fear to decide and act—the clinicians and the engineers," Hennessy concluded.

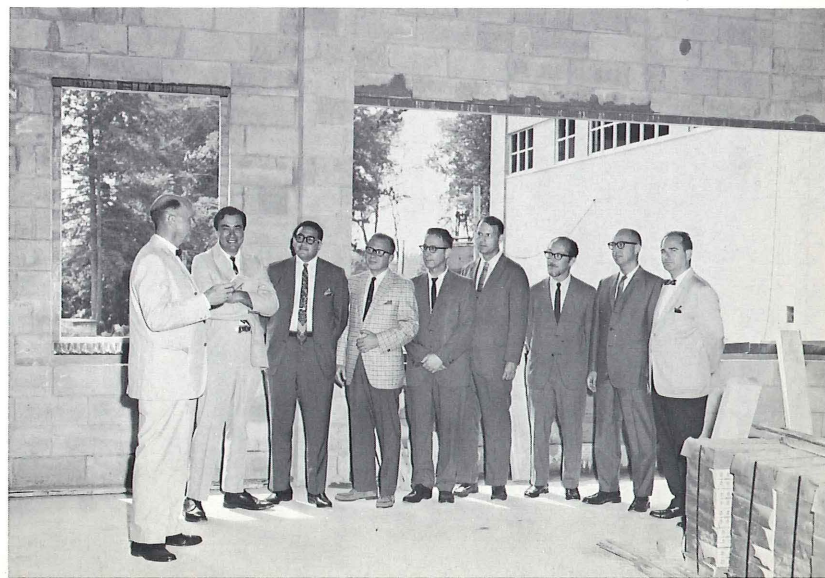
Dr. Robert K. Hafer Leads Mission to Honduras Wilds

A combined mission of healing and teaching, planned and supplied from Community General Osteopathic Hospital in Harrisburg, and headed by a P.C.O. alumnus of 1953, Dr. Robert K. Hafer, has gone to Honduras, a Central American republic where the Indians are sorely in need of both health and learning. Dr. Hafer, who practices in Elizabethtown and lives at 690 Maria rd., will be accompanied by Mrs. William Green, R.N., and Mrs. Dolores Mancuso, a licensed practical nurse at the Osteopathic hospital, and also by Miss Barbara Smith, daughter of Mr. and Mrs. Oscar Smith, Colonial Park, and a student at Elizabethtown College. She will teach English to the natives while the others open clinics in the mountainous areas for treatment of many who never have seen a physician.

When they flew to Houston, Dr. Hafer was not sure whether the group would operate together, or be scattered among missions in different villages. He said he would have equipment to perform minor surgery if he found it necessary. The surgical and medical departments at the hospital furnished instruments and supplies of medicine. Previous missions for health and education have had grateful reception by the Hondurans, who in most cases are strongly pro-American. The village officials provide the shelter and facilities for the volunteers, but the latter bring their own equipment and run their own projects. The United States, with State Department blessing, has been encouraging such missions by private and religious groups.

FACULTY VISITATION TO CITY LINE

Among the July visitors were a group from the Department of Neurology and Psychiatry. Shown here in their area of first floor, east, are l-r, Drs. George H. Guest, Albert Honig, Ned Baron, Irvin A. Pearlstein, Anthony S. Jannelli, Morton S. Herskowitz, I. J. Oberman, Cecil Harris, Philip Katz.



Rowland Leads Welsh Society

With the same vigor he displays in orienting incoming P.C.O. classes, Director of Admissions Thomas M. Rowland, Jr. handled the 237th Welsh Society's St. David's Day dinner last March 5 at The Union League. As the newly elected President of this oldest men's society in North America, Tom brought Dr. Edward G. Hartmann of Suffolk University as speaker on "The Welsh in America," a review of Welshmen's part in building America. Dr. Carlton Jones Lake brought the renowned All Philadelphia Boys' Choir, and Edward T. Rees led the members and ladies in group singing such as only the Welsh provide. It was one of the best of recent Welsh affairs. President Rowland has spurred a new members drive.

The Society also had its annual church service Feb. 27 in Girard Ave. Welsh Presbyterian Church, Rev. William H. Rees preaching, and many members attended the Eisteddfod of competitive singing there March 12. Dr. H. Walter Evans is one of the Society's Physicians, and like Dr. Paul T. Lloyd has long been a member. Among other P.C.O. figures in the Society are Gustav Rosser, formerly choral director of the College. The Society annually attends St. David's Day services at St. David's Episcopal Church near Wayne.

PHYSIOLOGY

(Continued from Page 25)

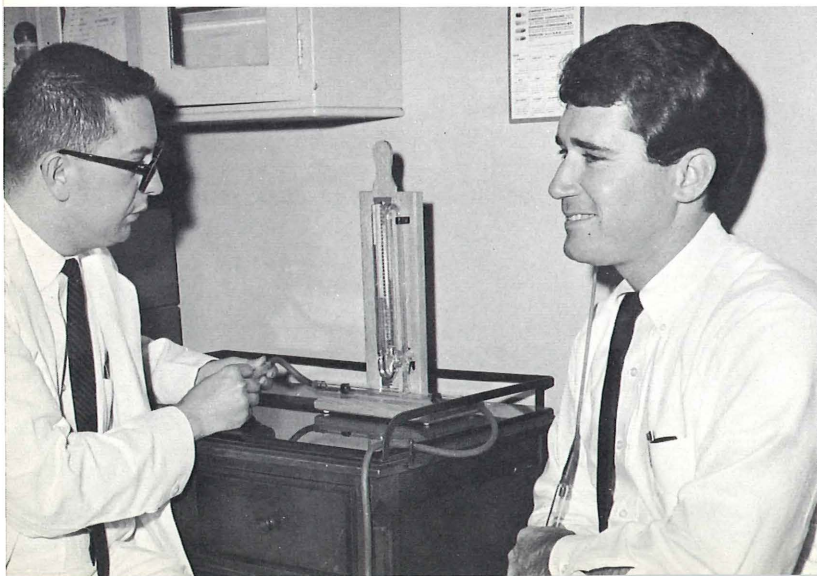
conference, open to P.C.O. students, house physicians, interns, or graduate students, is required work for all seniors.

"It is one of the greatest off-the-cuff question and answer sessions we have," Dr. Bradford explained. "This is the third year we have run the clinics, but they still seem new. The students do most of the talking, discussing actual cases. Dr. Albert F. D'Alonzo from the Department of Osteopathic Medicine, is jointly responsible for the clinics which provide much practical information for the fourth year students.

Like all the others slated for City Line, the professors look forward to new quarters when the Teaching and Research Hospital is completed and equipped. But the last several years have planted many memories and some remembered hours in the old 48th and Spruce streets building.

EUSTACIAN TUBE TEST

At first glance this looks like a blood pressure gauge, but it's an addition to the hearing clinic used to measure function of the Eustacian tube. Dr. Theo. P. Mauer, M.Sc., D.O. tries it out on fourth yearman William Nickey.



16 P.C.O. Students Engage in Projects Under NIMH Grants

Sixteen students at Philadelphia College of Osteopathy, ten of them third year and six second year, and all under the supervision of Dr. Jay Oberman, are engaged in a wide variety of projects under grants from the National Institute of Mental Health. This is the maximum for one college, and a majority will be working within short motor ride of P.C.O. Nine will be located at Haverford State Hospital, five at Eastern State School and Hospital.

Those assigned to studies at Haverford State Hospital are Ashley Angert, experimenting with music therapy; Jacques L. Surer, Jr., studying use of art as means of patients' self expression; Hal Kime, trying to determine from psychosomatic patients, some relationship between psyche and soma; J. Paul Clymer, attempting to determine disturbed person's abstract wants and wishes; Joseph L. Rucci, Jr., working with patients under intensive care, to study self image in mentally ill (this work is a team effort with Sally Ann Rex). There also are projects assigned to Ronald B. Frank, E. F. Joseph Siebold, and Richard S. Click.

Several studies will be made with autistic children at Eastern States School and Hospital. They are assigned to Bernard S. Sobel, Paul Wallner, Stephen Levin, and Al Poggi. Norman Leopold, Harold E. Holloway, and Harry Mancer also are working with the mentally retarded.

Mrs. Ada Lipshutz Resigns as Director of Nurses Service

Mrs. Ada J. Lipshutz, who came to assist in the Nurses Service at Philadelphia College of Osteopathy Hospital in 1958, turned in her resignation effective June 30. She had been Director of the Nurses Service since 1960.

The wife of Tennis Coach Joseph Lipshutz, Temple University, Mrs. Lipshutz was in charge of the nurses when the problem of sufficient nurses became acute throughout the local hospital scene. She headed the administrative side as licensed practical nurses were employed in larger numbers as the RN's became scarcer after P.C.O.'s Nursing course was suspended. President Barth recently announced plans to reactivate the course.

The retiring Director said she had no immediate plans except to see some of the U.S.L.T.A. mens senior tennis tournament of which her husband was chairman. It was contested at Cynwyd the week preceding July 4.

Two others of the P.C.O. nursing staff also departed. Mrs. Beverly Wozniak, R.N., a member of the 1959 P.C.O. Nurses Training School, resigned to be with her husband Dr. Albert J. Wozniak in Lancaster where he is interning. Mrs. Joan Blau, R.N. head of the obstetrical department's nursing group, also moved on with her '66 Class husband, Dr. Elliot Blau, who is interning at Interboro General Hospital, Brooklyn.

ISOTOPES

(Continued from Page 19)

explained. It provides a beat-by-beat look into the human heart, and is, of course, one of the prime reasons why the upsurge of open heart surgery and the various and unprecedented repairs to heart valves and aorta that have been accomplished in the process. When heart surgeons can look at films that chart the cardiovascular problem directly from the patient's own organ, it is understanding to say that a mighty leap forward has been accomplished. At PCO Dr. Gilligan says this will be a special study for Fourth year classmen who observe cases under diagnosis.

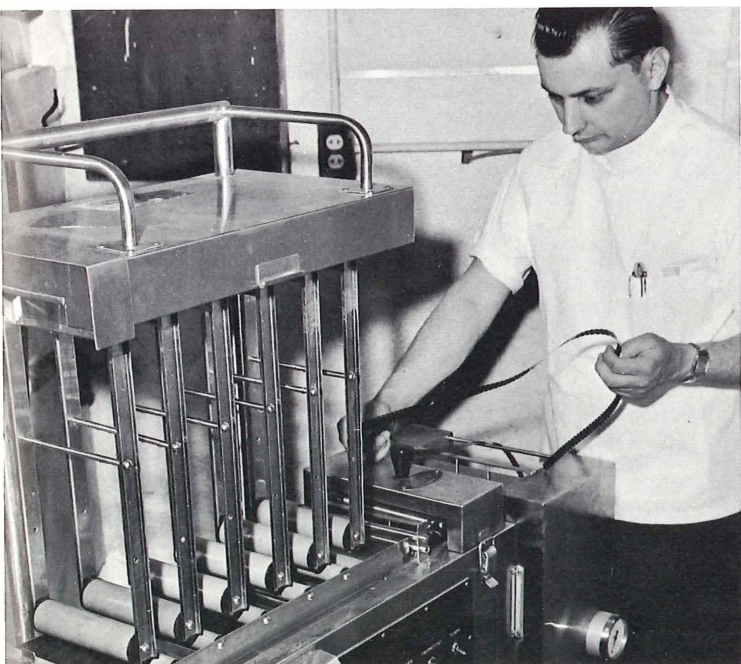
In this work, the technical skill of Joseph J. Czyz is part of the team's resources. But as yet it is in preliminary phase, although Dr. Gilligan relies on the cardiac surgeon, Dr. Henry D'Alonzo and his brother, and internist Dr. Albert D'Alonzo. With them are Dr. Paul Thomas, physiologist, and Dr. Gilligan as the radiologist.

There is great interest and enthusiasm for the day when this equipment, through a Tv monitoring chain, can put studies of the heart on screens for the students in groups of perhaps 50 to 100, Dr. Gilligan said.

"We feel the cine-X-Ray films can be a great visual aid in teaching normal physiology, as well as the more intricate subject of heart diagnoses. When and as the City Line project provides new space, this whole field can broaden, and those of us who have that joy in teaching—of which I confess to being one and will include in that category, Dr. Tilley—we look forward, with excitement, to the day it is possible."

SCIENTIFIC DARKROOM

Joseph Czyz Develops Cine-Radiographic films in this ultra-modern machine.



Dr. Chas. H. Boehm Named as Assistant to President Barth

DR. CHARLES H. BOEHM, widely known educator who for eight years was Superintendent of Public Instruction in the Commonwealth of Pennsylvania, has been appointed Assistant to the President of Philadelphia College of Osteopathy. He began his duties July 1. Dr. Frederic H. Barth, President of P.C.O. announced the appointment on the eve of the 75th Commencement exercises which Dr. Boehm attended.

In announcing Dr. Boehm's appointment, President Barth said the College was fortunate in obtaining the services of an outstanding administrator with the international experience of Dr. Boehm. He had recently completed a year and half as head of a U.S. AID group which, in collaboration with UNESCO and the World Bank, developed a ten year plan to be used by the Ministry of Education in Colombia. Headquartered in Bogota, Dr. Boehm chaired a group of experts on administration and finance who, with the Colombian authorities, worked out an integrated project for raising that Republic's general educational levels. Other foreign studies and consultant services by Dr. Boehm include one to the Soviet Union, 1959; to West Germany representing Pennsylvania as guest of North Rhine-Westphalia in 1961; and in 1963 at invitation of Sweden's government and industry.

Dr. Boehm has won numerous honors and citations for his research and development projects which include the master college campus plans for fourteen State Colleges involving over \$200,000,000. He supervised the state school buildings subsidized construction of \$1½ billion, initiated the Master degree and liberal arts programs at the 14 State colleges, and started the plan for educational television in Pennsylvania. He also reorganized the Department of Public Instruction in 1956 and '62, and expanded a special education program statewide in 1958-60. These accomplishments took place under three Governors: George M. Leader, David Lawrence, and William W. Scranton.

Long a friend of President Barth and the College, Dr. Boehm received an Honorary Doctor of Laws degree when he delivered the 1958 Commencement address at P.C.O. He has received honorary degrees from the College of Pharmacy and Science and the University of INCCA, Bogota. He has been a visiting professor at Pennsylvania State University, University of Wisconsin, and Lehigh University, and is a graduate of Franklin and Marshall College, Columbia University Teachers College, and has his doctorate in education from Rutgers. His professional career encompasses more than forty years, from high schools in New Jersey and Bucks County, Pa., where he was county superintendent of schools, to his work with various foundations, community services, national commissions, and work on research and educational publications.

THE CLASS OF 1966

AND HOSPITALS WHERE THEY WILL INTERN

- Edwin Walter Abbott Worcester, Pa.
A.B., Franklin and Marshall College; M.A., Temple
University
Doctors Hospital, Columbus, Ohio
- Michael Israel Abraham Philadelphia
A.B., University of Pennsylvania
Metropolitan Hospital, Philadelphia
- Marvin Aaron Abramson Philadelphia
B.S. in Phar., Philadelphia College of Pharmacy and
Science
Parkview Hospital, Philadelphia
- Thomas Gordon Adams Rocky River, Ohio
The Ohio State University
Bay View Hospital, Bay Village, Ohio
- Peter Francis Arino Philadelphia
B.S., St. Joseph's College
Parkview Hospital, Philadelphia
- Berel Bernard Arrow Philadelphia
B.S. in Phar., Temple University School of Pharmacy
Parkview Hospital, Philadelphia
- Thomas Walter Baker Boothwyn, Pa.
B.S. in Phar., Philadelphia College of Pharmacy and
Science
Richmond Heights General Hospital, Cleveland, Ohio
- John T. Barbagiovanni Philadelphia
B.S. in Phar., Temple University School of Pharmacy
Richmond Heights General Hospital, Cleveland, Ohio
- James Henry Barker Glenolden, Pa.
B.S. in Phar., Philadelphia College of Pharmacy and
Science
Richmond Heights General Hospital, Cleveland, Ohio
- Irwin Beckman Philadelphia
A.B., Temple University
Cherry Hill Hospital, Cherry Hill, N. J.
- John Joseph Bittman Audubon, N. J.
B.S., Drexel Institute of Technology
Bay View Hospital, Bay Village, Ohio
- Elliot Blau Brooklyn, N. Y.
A.B., Brooklyn College of the City University of New
York
Interboro General Hospital, Brooklyn, N. Y.
- Bruce Frederick Bradin Camden, N. J.
B.S. in Phar., Philadelphia College of Pharmacy and
Science
Martin Place Hospitals, Madison Heights, Mich.
- Berkeley Brandt, Jr. Hagerstown, Md.
University of Washington; Washington College;
Shepherd College
Osteopathic Hospital of Harrisburg, Harrisburg, Pa.
- Robert Bruce Briggs Clifton, N. J.
B.S., Fairleigh Dickinson University
Tri-County Hospital, Springfield, Pa.
- Jan Marian Chrobok Belleville, N. J.
University of London; Rutgers—The State University
Bay View Hospital, Bay Village, Ohio
- James Peter Cleary Dayton, Ohio
B.S., University of Dayton
Doctors Hospital, Columbus, Ohio
- Richard Edmund Colarusso Pittston, Pa.
B.S. in Phar., Philadelphia College of Pharmacy and
Science
Allentown Osteopathic Hospital, Allentown, Pa.
- Ronald Cowen Brooklyn, N. Y.
B.S., Brooklyn College of the City University of New
York
Metropolitan Hospital, Philadelphia
- Thomas Anthony Di Liberto Yeadon, Pa.
B.S., St. Joseph's College
Detroit Osteopathic Hospital, Detroit, Mich.
- Joseph Michael Di Mino Norristown, Pa.
B.S. in Phar., Philadelphia College of Pharmacy and
Science
Riverview Osteopathic Hospital, Norristown, Pa.
- Richard Michael Di Monte Philadelphia
B.S. in Phar., Temple University School of Pharmacy
Delaware Valley Hospital, Bristol, Pa.
- Urban Daniel Di Pasquale Conshohocken, Pa.
B.S., Temple University
Riverview Osteopathic Hospital, Norristown, Pa.
- John Michael Doherty Folsom, Pa.
B.S., St. Joseph's College
Riverside Hospital, Wilmington, Del.
- Robert Constantine Donlick Johnson City, N. Y.
A.B., Colgate University
Brentwood Hospital, Cleveland, Ohio
- Ralph Elliott Fishkin Philadelphia
B.S. in Phar., Philadelphia College of Pharmacy and
Science
Doctors Hospital, Columbus, Ohio

- Donald Jay FruchtmannPhiladelphia
A.B., Temple University
Delaware Valley Hospital, Bristol, Pa.
- Anthony Joseph FugaroCamden, N. J.
A.B., La Salle College
Detroit Osteopathic Hospital, Detroit, Mich.
- Domenic Louis GentilePhiladelphia
A.B., St. Joseph's College
Delaware Valley Hospital, Bristol, Pa.
- Arthur Fritsch GlahBroomall, Pa.
B.S., Villanova University
Lancaster Osteopathic Hospital, Lancaster, Pa.
- Eugene Edward GodfreyRed Lion, Pa.
A.B., Catawba College
Memorial Osteopathic Hospital, York, Pa.
- Jack GoldsteinPhiladelphia
B.S. in Phar., Temple University School of Pharmacy
Metropolitan Hospital, Philadelphia
- Bruce Joseph HallPhiladelphia
A.B., La Salle College
Detroit Osteopathic Hospital, Detroit, Mich.
- Harvey Alan HarrisWyncote, Pa.
A.B., University of Pennsylvania
Parkview Hospital, Philadelphia
- Frederick James Humphrey IIBryn Mawr, Pa.
B.S., Allegheny College
Detroit Osteopathic Hospital, Detroit, Mich.
- Richard Lee KahanPhiladelphia
B.S., Lebanon Valley College
Cherry Hill Hospital, Cherry Hill, N. J.
- Samuel KasdinPaulsboro, N. J.
Philadelphia College of Pharmacy and Science
Metropolitan Hospital, Philadelphia
- John Joseph Kelly, Jr.East McKeesport, Pa.
B.S. in Phar., University of Pittsburgh School of
Pharmacy
Brentwood Hospital, Cleveland, Ohio
- Seymour Samuel KilsteinPhiladelphia
Temple University
Tri-County Hospital, Springfield, Pa.
- Ronald Allen KirschnerNew York, N. Y.
A.B., New York University
LeRoy Hospital, New York City
- C. Glen KramerSouderton, Pa.
B.S. in Phar., Temple University School of Pharmacy
Allentown Osteopathic Hospital, Allentown, Pa.
- Robert Kenneth KramerSouderton, Pa.
B.S. in Phar., Temple University School of Pharmacy
Lancaster Osteopathic Hospital, Lancaster, Pa.
- Edward L. KurelloAshley, Pa.
B.S., University of Scranton
Allentown Osteopathic Hospital, Allentown, Pa.
- Herman Leon LakritzFlushing, N. Y.
B.S., Long Island University
Interboro General Hospital, Brooklyn, N. Y.
- Eric Louis LeonardoPhiladelphia
A.B., University of Pennsylvania
Cherry Hill Hospital, Cherry Hill, N. J.
- Martin LevittOaklyn, N. J.
B.S., City College of New York; B.S. in Phar., Philadel-
phia College of Pharmacy and Science
Cherry Hill Hospital, Cherry Hill, N. J.
- Clayton Conrad Lindemuth, Sr.Conneaut Lake, Pa.
Canisius College; University of Buffalo; University of
Pennsylvania
Brentwood Hospital, Cleveland, Ohio
- William Richard LowneyFall River, Mass.
B.S. in Phar., Temple University School of Pharmacy
Bay View Hospital, Bay Village, Ohio
- David Lee LukensTacoma, Wash.
A.B., University of Puget Sound
Grand Rapids Osteopathic Hospital, Grand Rapids,
Mich.
- Richard Berry Lynch, Jr.Columbus, Ohio
B.S., The Ohio State University
Metropolitan Hospital, Philadelphia
- Richard Duncan LynchAltoona, Pa.
A.B., Washington and Jefferson College
Philadelphia College of Osteopathy Hospitals,
Philadelphia
- Edward Michael McGinleyEmmaus, Pa.
B.S. in Phar., Philadelphia College of Pharmacy and
Science
Allentown Osteopathic Hospital, Allentown, Pa.
- Alex. S. MacaionePhiladelphia
A.B., La Salle College
Martin Place Hospitals, Madison Heights, Mich.
- Bernard Fred MasterPhiladelphia
B.S., Ursinus College
Doctors Hospital, Columbus, Ohio
- Merrill Jay MirmanGlenolden, Pa.
B.S. in Phar., Philadelphia College of Pharmacy and
Science
Philadelphia College of Osteopathy Hospitals,
Philadelphia
- Joseph Emery MittuchCarteret, N. J.
B.S. in Phar., University of Maryland School of
Pharmacy
Cherry Hill Hospital, Cherry Hill, N. J.
- William Andrew NickeyPhiladelphia
Temple University
Metropolitan Hospital, Philadelphia
- Michael Albert NigroNew Providence, N. J.
B.S., Fairleigh Dickinson University
Detroit Osteopathic Hospital, Detroit, Mich.

Joseph Francis Pandolfi Philadelphia
St. Joseph's College; Temple University
Philadelphia College of Osteopathy Hospitals,
Philadelphia

Paul Pesce Miami, Fla.
B.S. in Phar., St. John's University College of Pharmacy
Osteopathic General Hospital, N. Miami Beach, Fla.

Richard Elliott Pinkham Montclair, N. J.
A.B.A., Nichols College; B.S., Fairleigh Dickinson
University
Bay View Hospital, Bay Village, Ohio

Michael Joseph Pisano Philadelphia
B.S., St. Norbert's College
Delaware Valley Hospital, Bristol, Pa.

Alvin Morton Pressman Pennsauken, N. J.
B.S. in Phar., Philadelphia College of Pharmacy and
Science
Cherry Hill Hospital, Cherry Hill, N. J.

Thomas A. Quinn Wynnewood, Pa.
B.S., La Salle College
Lancaster Osteopathic Hospital, Lancaster, Pa.

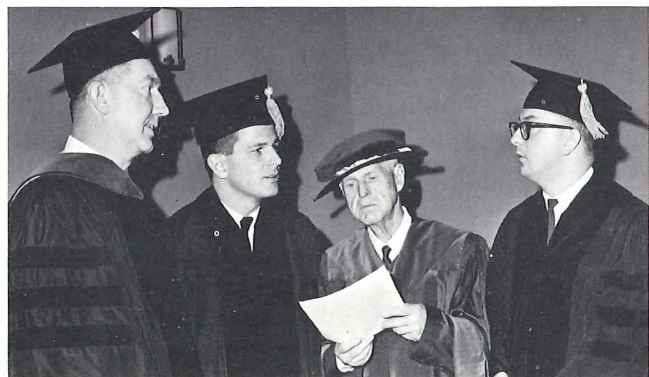
William Francis Ranieri Drexel Hill, Pa.
A.B., St. Joseph's College
Tri-County Hospital, Springfield, Pa.

Gerald Martin Reed Philadelphia
B.S. in Phar., Philadelphia College of Pharmacy and
Science
Zieger Osteopathic Hospital, Detroit, Mich.

Vincent Salvatore Reina Philadelphia
B.S. in Phar., Temple University School of Pharmacy
Tri-County Hospital, Springfield, Pa.

Masters of Science

Dr. John J. Gilligan, sponsor of Jon Peter Tilley, A.B., D.O. (second from left) and Dr. J. Ernest Leuzinger, sponsor of Theodore P. Mauer, A.B., D.O., read certificates as M.Sc. in radiology and otorhinolaryngology awarded their proteges at Commencement.



Louis Rottenberg Philadelphia
B.S. in Phar., Philadelphia College of Pharmacy and
Science
Metropolitan Hospital, Philadelphia

Norman Francis Ruttenberg Philadelphia
B.S., Albright College
Zieger Osteopathic Hospital, Detroit, Mich.

Melvyn Sarnow Brightwaters, N. Y.
B.S. in Phar., Long Island University (Brooklyn College
of Pharmacy)
Interboro General Hospital, Brooklyn, N. Y.

Pauline Maria Delia Schultz Philadelphia
A.B., University of Pennsylvania
Tri-County Hospital, Springfield, Pa.

Richard C. Schwartzman Philadelphia
B.S. in Phar., Temple University School of Pharmacy
Zieger Osteopathic Hospital, Detroit, Mich.

Kerwin Harold Seiden Philadelphia
B.S. in Phar., Philadelphia College of Pharmacy and
Science
Parkview Hospital, Philadelphia

William Henry Sidow Connellsville, Pa.
A.B., The Pennsylvania State University
Richmond Heights General Hospital, Cleveland, Ohio

Jack M. Silvers Flushing, N. Y.
B.S., The City College of New York
Delaware Valley Hospital, Bristol, Pa.

Edward Abraham Slotnick Ventnor City, N. J.
A.B., Rutgers—The State University
Metropolitan Hospital, Philadelphia

Larry Lee Smith New Middletown, Ohio
A.B., Youngstown University
Youngstown Osteopathic Hospital, Youngstown, Ohio

Thomas Merle Swartzwelder Strattanville, Pa.
Cannon College
Philadelphia College of Osteopathy Hospitals,
Philadelphia

Robert A. Weisberg Philadelphia
B.S. in Phar., Philadelphia College of Pharmacy and
Science
Martin Place Hospitals, Madison Heights, Mich.

Albert Joseph Wozniak Philadelphia
A.B., La Salle College
Lancaster Osteopathic Hospital, Lancaster, Pa.

Harvey Joel Yorker Philadelphia
A.B., Temple University
Cherry Hill Hospital, Cherry Hill, N. J.

H. Michael Zal Philadelphia
A.B., University of Pennsylvania
Doctors Hospital, Columbus, Ohio

Angelo Joseph Zappala Philadelphia
B.S., St. Joseph's College
Metropolitan Hospital, Philadelphia

AWARDS — 1966 GRADUATION

THE CHRISTIAN R. AND MARY F. LINDBACK FOUNDATION AWARD FOR DISTINGUISHED TEACHING

This award by the Trustees of the Christian R. and Mary F. Lindback Foundation is given in recognition of distinguished teaching by members of the Faculty of Philadelphia College of Osteopathy:

J. Ernest Leuzinger, D.O., M.Sc.(Ost), F.O.C.O., F.A.C.O.S.
Nicholas D. Tretta, B.S., D.O.

THE CHRISTIAN R. AND MARY F. LINDBACK FOUNDATION SCHOLARSHIP AWARDS

These scholarships are awarded by the Trustees of the Christian R. and Mary F. Lindback Foundation to students who are residents of the States of Delaware, Maryland, Pennsylvania or New Jersey and who by their academic achievement, personal qualities and promise as osteopathic physicians are deemed worthy of this recognition:

Class of 1967	Class of 1968
Russell Griesback, Jr.	Samuel D. Looker
Murray C. Soss	James P. Shinnick

THE DEAN'S AWARD

To that member of the graduating class who by his personal and professional conduct and by his contributions to student affairs and to the general program of Philadelphia College of Osteopathy has been deemed worthy of special citation as a recipient of the Dean's Award:

William Henry Sidow

THE ALUMNI ASSOCIATION AWARD

Awarded by the Alumni Association of Philadelphia College of Osteopathy to that member of the graduating class who has been selected because of the high calibre of the performance of his professional duties in the hospitals and out-patient services:

Bernard Fred Master

Honorable Mention: Richard Edmund Colarusso, John Joseph Kelly, Jr.

PUBLIC HEALTH AWARD

Awarded by Joseph Py, D.O., to that member of the graduating class who has excelled in the subjects of Bacteriology and Preventive Medicine:

Frederick James Humphrey II

THE ALICE SNYDER BARTH MEMORIAL AWARD

The Alice Snyder Barth Endowed Memorial Award is awarded to that member of the graduating class who has been selected on the basis of his excellence in the field of bronchopulmonary and upper respiratory diseases:

Joseph Michael DiMino

Honorable Mention: Richard Edmund Colarusso, Richard Duncan Lynch

THE DOROTHY JEAN SIVITZ, D.O., MEMORIAL AWARD

Given by Philip M. Lessig, D.O., and Clarence E. Baldwin, D.O., is awarded to that member of the graduating class who has the highest academic achievement in Hematology:

Donald Jay Fruchtmann

THE JOHN H. EIMERBRINK, D.O., MEMORIAL AWARD

Awarded to the member of the graduating class who in the opinion of the members of the Department of Osteopathic Principles and Practice has shown exceptional ability in Osteopathic Therapeutics. Awarded by Mrs. Eimerbrink and several of Dr. Eimerbrink's intimate professional associates:

Frederick James Humphrey II

THE BELLE B. AND ARTHUR M. FLACK MEMORIAL AWARD

Awarded by the children of Dean and Mrs. Flack, upon recommendation of the Department of Osteopathic Medicine, to that member of the graduating class who has been selected as most proficient in the practice of Osteopathic Medicine:

Frederick James Humphrey II

Honorable Mention: Ronald Cowen, Ralph Elliott Fishkin

THE HAROLD C. WADDELL, D.O., MEMORIAL AWARD

This award is made to that member of the graduating class, upon recommendation of the Staff of the Department of Obstetrics and Gynecology, for exceptional competence in obstetrics and gynecology:

Bernard Fred Master

THE HAROLD L. BRUNER, D.O., MEMORIAL AWARD

Awarded by the children of Harold L. Bruner, D.O., to that member of the graduating class who has demonstrated outstanding proficiency in the field of allergy:

Frederick James Humphrey II

THE WILBUR P. LUTZ, D.O., MEMORIAL AWARD

Awarded by Mrs. Wilbur P. Lutz, upon recommendation of the Department of Osteopathic Medicine, to that member of the graduating class who has been selected as the most proficient in Physical Diagnosis:

Ronald Cowen

Honorable Mention: Bruce Joseph Hall, Bernard Fred Master

THE HOMER MACKEY MEMORIAL AWARD

Awarded in memory of Homer Mackey by the Student Council of Philadelphia College of Osteopathy to that member of the graduating class who attained the highest scholastic average throughout his three years of didactic study:

Frederick James Humphrey II

DEGREES IN COURSE

MASTER OF SCIENCE (Otorhinolaryngology)

Theodore P. Mauer, A.B., D.O.

P.C.O. Class of 1962

MASTER OF SCIENCE (Radiology)

Jon Peter Tilley, A.B., D.O.

K.C.O.S. Class of 1962

Dr. Levering Tyson Dies, Served as P.C.O. Director

Dr. Levering Tyson, for fourteen years President of Muhlenberg College, and since the late 1950's a member of the Board of Directors at Philadelphia College of Osteopathy, passed away June 10 at the Sunnyside Nursing home in Brielle, N. J., near his Bay Head, N. J. home. Dr. Tyson for years had been active in the National Committee for Free Europe, being director of the Division for Intellectual Cooperation, and Chancellor of the University for a Free Europe in Exile, located at Strasbourg. He also spent several years at Columbia University from which he earned his Master's degree after graduating from Gettysburg College. When he left Muhlenberg, after serving as its president from 1937 to 1951, he became associated again with Columbia University as assistant to the President for Alumni affairs, and extension activities.

Among these duties, he found time for nearly every meeting of the P.C.O. directors, and until this June rarely missed Commencement's activities. Dr. Tyson's death was announced at the Graduating Class dinner the evening of June 11, by Dean Sherwood R. Mercer, who had served on the faculty with him at Muhlenberg. A native of Reading, Dr. Tyson was president of the Allentown Rotary, and a director of its Chamber of Commerce.

A man of great intellectual capacities, Dr. Tyson was an active lay leader in educational affairs of the Lutheran Church. He took a strong stand against isms of subversive nature. Once, at the invitation of the Friendly Sons of St. Patrick, he delivered an address at the annual dinner of that society in Philadelphia. During World War II his installation of the V-12 program brought more students to Muhlenberg than at any previous time. He was in vision and practice reactivating the spirit of the patriotic Henry M. Muhlenberg and his son, John Peter, leaders of the Revolution. Although he retired in 1961, Dr. Tyson continued to serve on the P.C.O. Board.

Surviving are two sons, James L., Darien, Conn., and David O., Mendham, N. J., a daughter, Mrs. Robert A. Clement, Rifton, N. Y., and twelve grandchildren. Mrs. Tyson passed away in 1964.

Mrs. Hazel Diehl, Clinic Cashier

Mrs. Hazel Diehl, for twelve years cashier at the P.C.O. Clinic, passed away in the College Hospital, July 10. Popular with the children who flocked to the annual Clinic Christmas parties, Mrs. Diehl brightened the clinic surroundings with her collection of paintings, many of which she did herself. Three years ago the *DIGEST* carried an article on the collection. One of her duties was keeping the accounts and payments of the P.A. patients.

Mrs. Diehl was originally from Sunbury where her physician father came from a family of early settlers. After her marriage to Charles Diehl she resided for some years in Wilmington, where in a full and varied life, she became a successful automobile salesman. After the death of her husband she continued in business, and eventually found

P.C.O. an ideal place to work with those who needed help. Two sons survive: Charles Palmer Diehl works in the P.C.O. business office at City Line, and lives in Lansdowne Park, Delaware Co., and Jackson P. Diehl lives in Camden.

Dr. Wm. M. Barnhurst, Headed Cancer Clinic

Shortly after the academic year had settled down last Fall, the P.C.O. faculty suffered a severe loss when death took Dr. William M. Barnhurst. He was for thirty years a P.C.O. teacher and professor, and in the last two years had been appointed Clinical Professor of cancer training. He also succeeded to the Chairmanship of the Department of Obstetrics and Gynecology.

Dr. Barnhurst was a tremendous worker and driving force who, in addition to a heavy administrative and teaching schedule, had kept up a private practice. He resided at 3475 Midvale avenue, Philadelphia, and at his sudden passing last October 18 was 56 years old.

A graduate of Germantown High School, a Middle-Atlantic A.A.U. championship swimmer, Dr. Barnhurst studied at the University of Pennsylvania before entering Philadelphia College of Osteopathy. There he obtained his D.O. in 1932. He received a Master's degree at P.C.O. in 1936, and became a full time member of the faculty at that time. When the federal government made funds available in the anti-cancer campaign, Dr. Barnhurst was asked to take over the clinical training program. He is survived by his wife Ella, and his mother, Helen M. Barnhurst, and a son, William, second year student at PCO.

Nurse Mary Mulhern Dies

A member of the P.C.O. Nursing staff for fourteen years, Miss Mary Mulhern died suddenly during her vacation last year. She was brought to P.C.O. Hospital from her cottage in the Poconos Aug. 1 but passed away in the emergency room. She had suffered a cerebral aneurism.

Miss Mulhern was known to everyone on the Osteopathic Hospital staff, and was ever faithful in her duties. Her photograph was carried in the 1966 Synapsis, a tribute by the graduating class. She lived at 4100 Spruce st.

New Administrator at P.C.O. Hospital

William J. Finley, experienced accountant, controller and hospital manager, has taken over as Administrator of the P.C.O. Hospital, 48th and Spruce sts., replacing Miss Jean Hall, who retired early this year. Mr. Finley has had twelve years in hospital administration, much of it at Northeastern Hospital in Philadelphia.

A graduate of St. Joseph's College, he was raised and schooled in Lansdowne, and continues a Delaware Countian, living in Springfield.

CRADLE ROLL—P.C.O. Hospitals

JUNE 1965

- 13—James Henry 3rd, son of James and Elizabeth Barker.
Delivered by Dr. F. Gruber.
23—Joan Marie, daughter of Dr. Joseph and Dorothy Luca.
Delivered by Dr. A. DeMasi.

JULY 1965

- 11—Michael Joseph, son of Michael and Marguerite Lee.
Delivered by Dr. L. Eisenberg.
30—Christopher John, son of Randolph and Delores Heinle.
Delivered by Dr. Gruber.

AUGUST 1965

- 6—Julia Dawn, daughter of Holden LeRoy and Nancy Kime. Delivered by Dr. Eisenberg.
22—Kimberly Ann, daughter of William R. and Marilyn Lowney. Delivered by Dr. Eisenberg.
26—Anna Marie, daughter of Dr. Michael and Mary Zarilli.
Delivered by Dr. Gruber.

SEPTEMBER 1965

- 12—Harry Lee, son of Dr. Harry L. and Dolores Slifer.
Delivered by Dr. H. Kahn.

OCTOBER 1965

- 26—Henry Christopher, son of Dr. Albert and Harriet D'Alonzo. Delivered by Dr. Gruber.

NOVEMBER 1965

- 6—Debra Ellen, daughter of Dr. James and Hildegard Thomas. Delivered by Dr. Gruber.
7—Andrew Norman, son of Dr. Anthony and Estelle Cincotti. Delivered by Dr. Gruber.
19—Edward Anthony 2nd, son of Edward and Barbara Sims. Delivered by Dr. DeMasi.
28—Dominique Margaret, daughter of Frederick and Monique Hawkins. Delivered by Dr. Gruber.

DECEMBER 1965

- 6—James Harrison, son of George and Mary Ann Hutchinson. Delivered by Dr. Gruber.

JANUARY 1966

- 15—Harold Frederick, Jr., son of Dr. Harold and Ruth White. Delivered by Dr. Eisenberg.
20—Robert Egan, son of Dr. Franklin and Maria Brody.
Delivered by Dr. DeMasi.

FEBRUARY 1966

- 10—David Paul, son of Dr. Robert C. and Mickey Theresa Madonna. Delivered by Dr. DeMasi.
15—Natalie Jane, daughter of Dr. Samuel and Carolyn Caruso. Delivered by Dr. Eisenberg.

MARCH 1966

- 13—Jeffrey Lee, son of Richard and Carol Prant. Delivered by Dr. DeMasi.
19—Christopher Lewis, son of Joseph and Barbara Hatch. Delivered by Dr. Eisenberg.
23—David Francis, son of Dr. John and Frances Pettineo. Delivered by Dr. DeMasi.
27—Jodeen Loree, daughter of Gene and Bonita Miller. Delivered by Dr. Gruber.

APRIL 1966

- 4—Michael Joseph, son of John and Mary Schmelzer. Delivered by Dr. D. Belsky.
12—Laurie Susan, daughter of Nelson E. and Janet Ziets. Delivered by Dr. N. Pedano.

JUNE 1966

- 11—Dana, daughter of Bernard and Inge Master. Delivered by Dr. Eisenberg.

HARBOR LIGHT

(Continued from Page 27)

It was time to take the last patients. Bill Gonzalez, long the administrative assistant for Harbor Light, was doing the interviews. The sounds of gospel music drifted up the stairs. Other nights the McGowans would be down there, the Captain preaching, his wife singing or playing the piano. Tonight they said goodbye to the folks. The phone rang and Dr. Sarkessian answered. Behind the white screens the P.C.O. boys peered into a man's throat, prescribed rest and some pills. Sarkessian checked them. The woman with the flat nose wobbled out. Gonzalez shook hands with the McGowans. It was a quiet fadeout and for P.C.O.'s Harbor Light clinic volunteers, the end of a saga, even as a new one began. It made them feel good—from doing good.

P.C.O. HOSPITAL STAFFERS

AT MARCH DINNER-DANCE

A dinner dance for P.C.O. Hospital administrative staff members was held Saturday evening, March 26 at the Bala Country Club. Approximately 150 attended the affair which was under direction of a committee chaired by Dr. Galen S. Young.

Among the guests were President and Mrs. Barth, Dean and Mrs. Mercer, Comptroller and Mrs. DeAngelis, and Registrar Thomas M. Rowland, Jr.



CANCER'S DANGER SIGNALS CAN BE SAFETY SIGNALS

You can do **two things** to guard yourself against cancer: Have an annual health checkup. Alert yourself to the seven danger signals that could mean cancer:

1. Unusual bleeding or discharge.
2. A lump or thickening
in the breast or elsewhere.
3. A sore that does not heal.
4. Change in bowel or bladder habits.
5. Hoarseness or cough.
6. Indigestion or difficulty in swallowing
7. Change in a wart or mole.

If your signal lasts longer than two weeks, go to your physician. Give him the chance to give you the chance of a lifetime.



AMERICAN
CANCER
SOCIETY 

**Philadelphia College of Osteopathy
Philadelphia, Pa.**